

# Immunotag™ Gab2 (Phospho-Ser623) Antibody

| Antibody Specification |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| Catalog No.            | ITA1598                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product Description    | Immunotag™ Gab2 (Phospho-Ser623) Antibody                                                                                                                                                                                                                                                                                                                                                                                                    |
| Size                   | 100 µg, 200 µg                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Conjugation            | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647                                                                                                                                                                                                                                                                                                                |
| IMPORTANT NOTE         | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.                                                                                                                                                                                                                                                                           |
| Target Protein         | Gab2 (Phospho-Ser623)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Clonality              | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Storage/Stability      | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Application            | WB,ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Recommended Dilution   | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Concentration          | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reactive Species       | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Host Species           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Immunogen              | A synthesized peptide derived from human Gab2 (Phospho-Ser623)                                                                                                                                                                                                                                                                                                                                                                               |
| Specificity            | Gab2 (Phospho-Ser623) Antibody detects endogenous levels of total Gab2 (Phospho-Ser623)                                                                                                                                                                                                                                                                                                                                                      |
| Purification           | The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.                                                                                                                                                                                                                                                                                      |
| Form                   | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt                                                                                                                                                                                                                                                                                  |
| Gene Name              | GAB2                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Accession No.          | Q9UQC2                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Alternate Names        | GAB 2; Gab2; GAB2_HUMAN; Grb 2 associated binder 2; GRB 2 associated binding protein 2; Grb2 associated binder 2; GRB2 associated binder 2 pp100; GRB2 associated binding protein 2; GRB2-associated binder 2; GRB2-associated-binding protein 2; Growth factor receptor bound protein 2 associated protein 2; Growth factor receptor bound protein 2-associated protein 2; KIAA0571; p97; PH domain containing adaptor molecule p97; pp100; |

## Antibody Specification

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| Description               | Adapter protein which acts downstream of several membrane receptors including cytokine, antigen, hormone, cell matrix and growth factor receptors to regulate multiple signaling pathways. Regulates osteoclast differentiation mediating the TNFRSF11A/RANK signaling. In allergic response, it plays a role in mast cells activation and degranulation through PI-3-kinase regulation. Also involved in the regulation of cell proliferation and hematopoiesis. |
| Cell Pathway/<br>Category | Primary Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Protein MW                | 74 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Usage                     | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                                                                                                                                                              |