

# Immunotag™ PSMG2 Antibody

| Antibody Specification |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| Catalog No.            | ITA6204                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product Description    | Immunotag™ PSMG2 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         | PSMG2                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Clonality              | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Storage/Stability      | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Application            | WB,IHC,ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Recommended Dilution   | WB 1:500-1:2000 IHC 1:50-1:200                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration          | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactive Species       | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Host Species           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Immunogen              | A synthesized peptide derived from human PSMG2                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Specificity            | PSMG2 Antibody detects endogenous levels of total PSMG2                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purification           | The antiserum was purified by peptide affinity chromatography.                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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              | PSMG2                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Accession No.          | Q969U7                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Alternate Names        | CD40 ligand activated specific transcript 3; CLAST3; HCCA3; Hepatocellular carcinoma susceptibility protein; Hepatocellular carcinoma-susceptibility protein 3; HSPC260; HsT1707; Likely ortholog of mouse CD40 ligand activated specific transcript 3; MDS003; PAC-2; PAC2; proteasome (prosome, macropain) assembly chaperone 2; Proteasome assembly chaperone 2; psmG2; PSMG2_HUMAN; TNFSF5IP1; Tumor necrosis factor superfamily member 5-induced protein 1; |

## Antibody Specification

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| Description               | Chaperone protein which promotes assembly of the 20S proteasome as part of a heterodimer with PSMG1. The PSMG1-PSMG2 heterodimer binds to the PSMA5 and PSMA7 proteasome subunits, promotes assembly of the proteasome alpha subunits into the heteroheptameric alpha ring and prevents alpha ring dimerization. |
| Cell Pathway/<br>Category | Primary Polyclonal Antibody                                                                                                                                                                                                                                                                                      |
| Protein MW                | 29kDa                                                                                                                                                                                                                                                                                                            |
| Usage                     | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                                                                                             |