

# Immunotag™ TOM70 Antibody

| Antibody Specification |                                                                                                                                                                                                                                                                                   |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.            | ITA2699                                                                                                                                                                                                                                                                           |
| Product Description    | Immunotag™ TOM70 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         | TOM70                                                                                                                                                                                                                                                                             |
| Clonality              | Polyclonal                                                                                                                                                                                                                                                                        |
| Storage/Stability      | -20°C/1 year                                                                                                                                                                                                                                                                      |
| Application            | WB,IHC                                                                                                                                                                                                                                                                            |
| 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 TOM70.                                                                                                                                                                                                                                   |
| Specificity            | TOM70 antibody detects endogenous levels of TOM70.                                                                                                                                                                                                                                |
| 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              | TOMM70                                                                                                                                                                                                                                                                            |
| Accession No.          | O94826                                                                                                                                                                                                                                                                            |
| Alternate Names        | FLJ9047; Mitochondrial import receptor subunit TOM70; Mitochondrial precursor proteins import receptor; TOM70; TOM70_HUMAN; Tomm70a; Translocase of outer membrane 70 kDa subunit; Translocase of outer membrane TOM70; Translocase of outer mitochondrial membrane 70 homolog A; |
| Description            | Receptor that accelerates the import of all mitochondrial precursor proteins.                                                                                                                                                                                                     |

## Antibody Specification

|                           |                                                                      |
|---------------------------|----------------------------------------------------------------------|
| Cell Pathway/<br>Category | Primary Polyclonal Antibody                                          |
| Protein MW                | 67 kDa                                                               |
| Usage                     | For Research Use Only! Not for diagnostic or therapeutic procedures. |