

## TPBG recombinant antibody

Anti-TPBG Reference Antibody (ASN004)

| CATALOG # | HOST     | REACTIVITY | APPLICATIONS                                              |
|-----------|----------|------------|-----------------------------------------------------------|
| AAA297260 | CHO Cell | Human      | Functional Assay, Flow Cytometry, Functional Assay, ELISA |

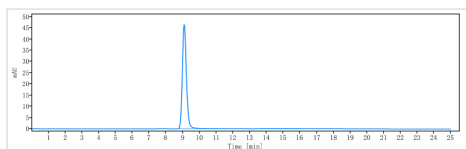
### PRODUCT SYNONYMS

TPBG; Monoclonal Recombinant Antibody; Anti-TPBG Reference Antibody (ASN004); TPBG recombinant antibody

### PRODUCT SPECIFICATIONS

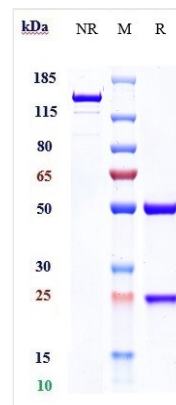
|                                                       |                                                                                                                                                  |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | CHO Cell                                                                                                                                         |
| Reactivity                                            | Human                                                                                                                                            |
| Clonality                                             | Monoclonal                                                                                                                                       |
| Isotype                                               | IgG1                                                                                                                                             |
| Specificity                                           | TPBG                                                                                                                                             |
| Form/Format                                           | Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.                 |
| Concentration                                         | 1mg/ml (varies by lot)                                                                                                                           |
| Applicable Applications for TPBG recombinant antibody | FA (Functional Assay), FCM/FACS (Flow Cytometry), ELISA                                                                                          |
| Endotoxin                                             | < 0.001EU/ug, determined by LAL method.                                                                                                          |
| Conjugation                                           | Unconjugated                                                                                                                                     |
| Dry Ice Note                                          | The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.                                               |
| Preparation and Storage                               | Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles. |

### IMAGES



#### Application Data

The purity of Anti-TPBG Reference Antibody (ASN004) is more than 95%, determined by SEC-HPLC.



#### SDS-PAGE

Anti-TPBG Reference Antibody (ASN004) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%.

ADDITIONAL INFORMATION

|                                                         |                    |
|---------------------------------------------------------|--------------------|
| Product Categories/Family for TPBG recombinant antibody | Primary Antibodies |
|---------------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 262205665                                                                                                                 |
| NCBI GeneID                      | 7162                                                                                                                      |
| NCBI Accession #                 | NP_001159864.1                                                                                                            |
| NCBI GenBank Nucleotide #        | NM_001166392.1                                                                                                            |
| UniProt Accession #              | Q13641                                                                                                                    |
| Molecular Weight                 | 46,032 Da                                                                                                                 |
| NCBI Official Full Name          | trophoblast glycoprotein                                                                                                  |
| NCBI Official Synonym Full Names | trophoblast glycoprotein                                                                                                  |
| NCBI Official Symbol             | TPBG                                                                                                                      |
| NCBI Official Synonym Symbols    | 5T4; M6P1; 5T4AG                                                                                                          |
| NCBI Protein Information         | trophoblast glycoprotein; 5T4 oncofetal antigen; 5T4 oncotrophoblast glycoprotein; 5T4 oncofetal trophoblast glycoprotein |
| UniProt Protein Name             | Trophoblast glycoprotein                                                                                                  |
| UniProt Gene Name                | TPBG                                                                                                                      |
| UniProt Synonym Gene Names       | 5T4; 5T4 oncotrophoblast glycoprotein                                                                                     |
| UniProt Entry Name               | TPBG_HUMAN                                                                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/tpbg-recombinant-antibody-functional-assay-flow-cytometry-elisa/297260>