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# Anti-TPBG Reference Antibody (Wyeth patent anti-5T4)

Recombinant Antibody
Catalog # APR11063

## Product Information

| | |
|---|---|
| **Application** | Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA |
| **Primary Accession** | Q13641 |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 |
| **Calculated MW** | 46032 |

## Additional Information

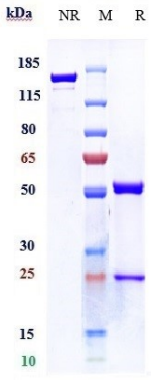
| | |
|---|---|
| **Target/Specificity** | TPBG |
| **Endotoxin** | |
| **Conjugation** | Unconjugated |
| **Expression system** | CHO |
| **Format** | Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column. |

## Protein Information

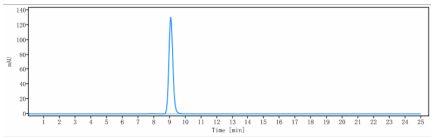
| | |
|---|---|
| **Name** | TPBG |
| **Synonyms** | 5T4 |
| **Function** | May function as an inhibitor of Wnt/beta-catenin signaling by indirectly interacting with LRP6 and blocking Wnt3a-dependent LRP6 internalization. |
| **Cellular Location** | Cell membrane; Single-pass type I membrane protein |
| **Tissue Location** | Expressed by all types of trophoblasts as early as 9 weeks of development. Specific for trophoblastic cells except for amniotic epithelium. In adult tissues, the expression is limited to a few epithelial cell types but is found on a variety of carcinoma |

## Images

Anti-TPBG Reference Antibody (Wyeth patent anti-5T4) on SDS-PAGE under reducing (R) condition. The purity of the




protein is greater than 95%.



The purity of Anti-TPBG Reference Antibody (Wyeth patent anti-5T4) is more than 95%, determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.