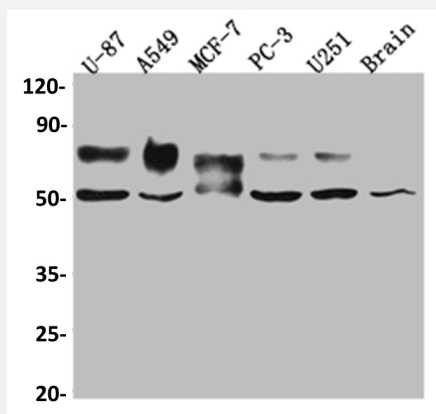


RecomAb™

TPBG recombinant monoclonal antibody, clone 6E9

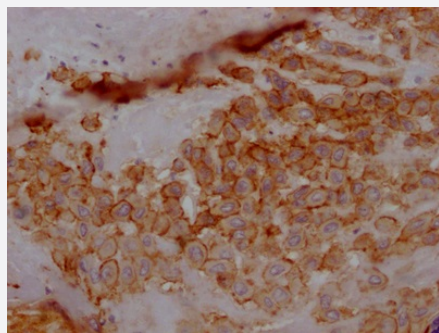
Catalog # RAB07458 Size 100 uL

Applications



Western Blot

Western blot analysis of U-87 whole cell lysate, A549 whole cell lysate, MCF-7 whole cell lysate, PC-3 whole cell lysate, U-251 whole cell lysate, Mouse Brain whole cell lysate with TPBG recombinant monoclonal antibody, clone 6E9 (Cat # RAB07458).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human placenta tissue using TPBG recombinant monoclonal antibody, clone 6E9 (Cat # RAB07458) on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TPBG.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human TPBG.
Theoretical MW (kDa)	Calculated MW: 47

Reactivity	Human, Mouse
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — TPBG

Entrez GeneID	7162
Protein Accession#	Q13641
Gene Name	TPBG
Gene Alias	5T4, 5T4-AG, M6P1

Gene Description	trophoblast glycoprotein
Omim ID	190920
Gene Ontology	Hyperlink
Other Designations	5T4 oncofetal trophoblast glycoprotein 5T4-antigen OTTHUMP00000016786