

For Research Use Only

TOB1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83944-2-PBS



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
83944-2-PBS	BC031406	Protein A purification
Concentration:	GeneID (NCBI):	CloneNo.:
1 mg/ml	10140	241043A9
Source:	UNIPROT ID:	
Rabbit	P50616	
Isotype:	Full Name:	
IgG	transducer of ERBB2, 1	
Immunogen Catalog Number:	Calculated MW:	
AG6714	38 kDa	

Applications

Tested Applications:
IHC, IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

TOB1, also known as APRO6 or TROB1, is a member of the transducer of erbB-2/B-cell translocation gene protein family. Members of this family are anti-proliferative factors that have the potential to regulate cell growth. The TOB1 protein has a large additional C-terminal region, which contains PAM2 motifs that mediate interactions with poly(A)-binding proteins. It is mainly located in the cell nucleus and will transfer between the cell nucleus and the cytoplasm. The more phosphorylation, the more obvious the cytoplasmic localization.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

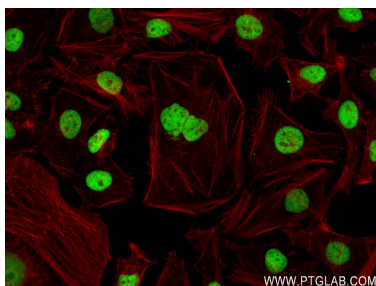
T: 4006900926

E: Proteintech-CN@ptglab.com

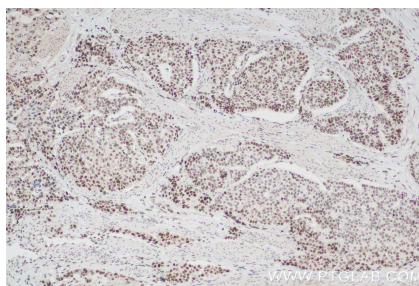
W: ptgcn.com

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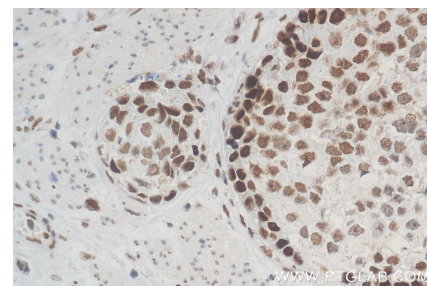
Selected Validation Data



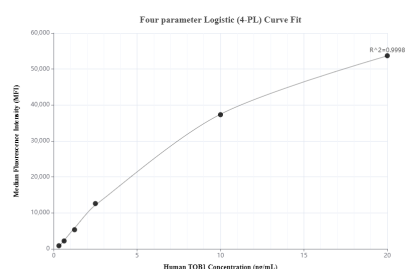
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TOB1 antibody (83944-2-RR, Clone: 241043A9) at dilution of 1:0 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 83944-2-PBS in a different storage buffer formulation.



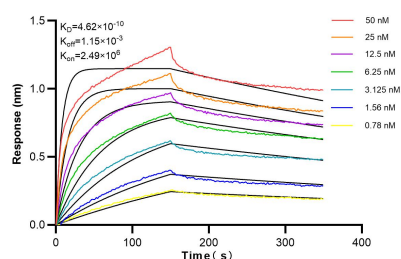
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 83944-2-RR (TOB1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83944-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 83944-2-RR (TOB1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83944-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00930-3, TOB1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83944-1-PBS. Detection antibody: 83944-2-PBS. Standard: Ag6714. Range: 0.313-20 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 83944-2-RR against Human TOB1 were performed. The affinity constant is 0.462 nM.