



TOB1 (phospho Ser164) Monoclonal Antibody

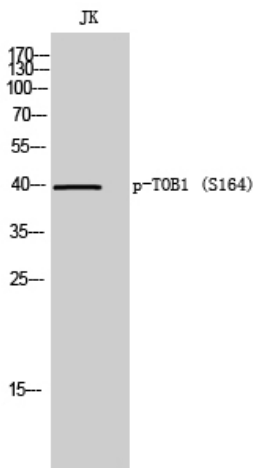
Catalog No	YP-mAb-00215
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	TOB1
Protein Name	Protein Tob1
Immunogen	The antiserum was produced against synthesized peptide derived from human TOB1 around the phosphorylation site of Ser164. AA range:130-179
Specificity	Phospho-TOB1 (S164) Monoclonal Antibody detects endogenous levels of TOB1 protein only when phosphorylated at S164.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/5000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TOB1; TOB; TROB1; Protein Tob1; Transducer of erbB-2 1
Observed Band	40kD
Cell Pathway	Cytoplasm . Nucleus . Only a small fraction localizes to the cytoplasm except in late S-phase where more than half of proteins become cytoplasmic. .
Tissue Specificity	Ubiquitous.
Function	function:Anti-proliferative protein that interacts with the erbB-2 receptor tyrosine kinase. May physically and/or functionally interact with protein-tyrosine kinase receptors.,PTM:Phosphorylated on Ser and Thr residues.,similarity:Belongs to the BTG family.,subunit:Interacts with CNOT7.,tissue specificity:Ubiquitous.,
Background	This gene encodes 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 encoded protein may function as a tumor suppressor. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011],
matters needing attention	Avoid repeated freezing and thawing!



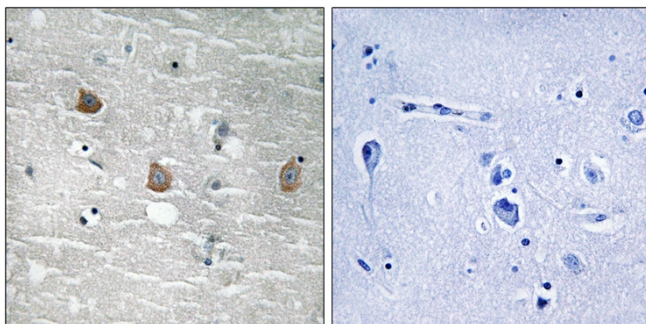
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

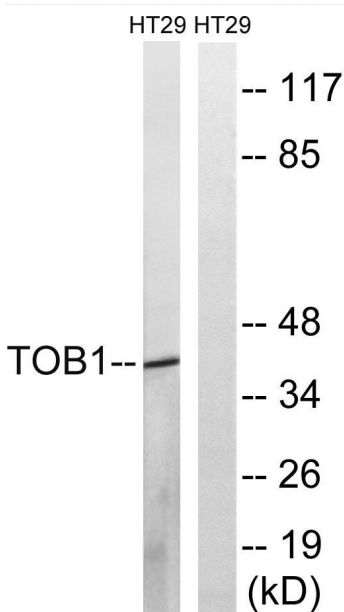
Products Images



Western Blot analysis of JK cells using Phospho-TOB1 (S164) Monoclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using TOB1 (Phospho-Ser164) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HT29 cells treated with serum 20% 15', using TOB1 (Phospho-Ser164) Antibody. The lane on the right is blocked with the phospho peptide.