

Product Datasheet

ITM2B Antibody NBP1-36963

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-36963

ITM2B Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

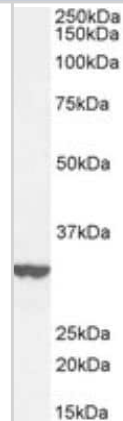
Product Description	
Host	Goat
Gene ID	9445
Gene Symbol	ITM2B
Species	Human
Immunogen	Peptide with sequence C-HDKETYKLQRRETIK corresponding to internal region according to NP_068839.1.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/mL, Flow Cytometry 10 ug/mL, Immunohistochemistry 2.5 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 2.5 ug/mL, Peptide ELISA Detection limit 1:8000
Application Notes	Western blot: Approx. 30-35 kDa band observed in HepG2 cell lysates (calculated MW of 30.3 kDa according to NP_068839.1).

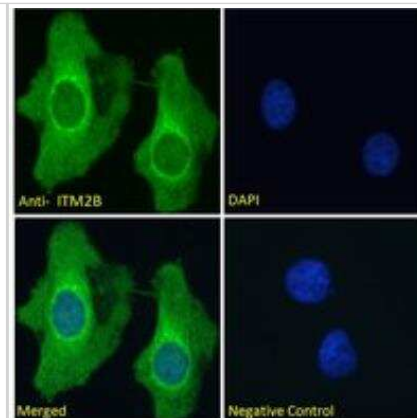
Images

Western Blot: ITM2B Antibody [NBP1-36963] - HepG2 cell lysate (35 ug protein in RIPA buffer). Antibody at 0.3 ug/mL. Detected by chemiluminescence.

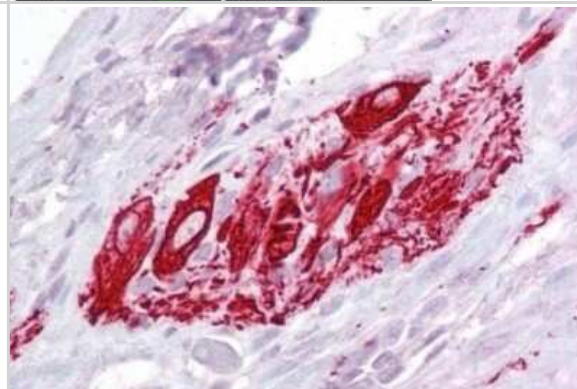
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150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa



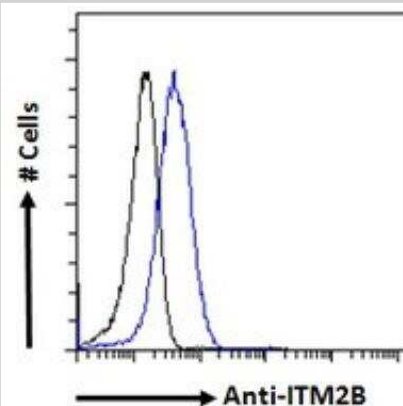
Immunocytochemistry/Immunofluorescence: ITM2B Antibody [NBP1-36963] - Paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary antibody at 10 ug/mL, 1 hr incubation followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing Golgi apparatus and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



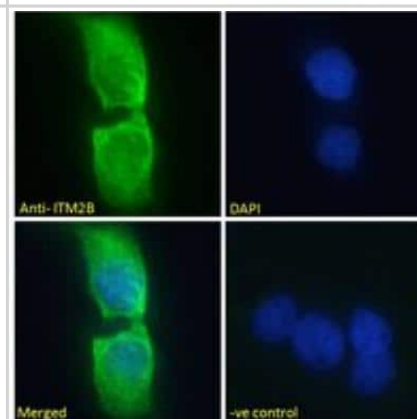
Immunohistochemistry-Paraffin: ITM2B Antibody [NBP1-36963] - Human small intestine tissue. Antibody at 2.5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Flow Cytometry: ITM2B Antibody [NBP1-36963] - Paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary antibody at 10 ug/mL, 1 hr incubation followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunocytochemistry/Immunofluorescence: ITM2B Antibody [NBP1-36963] - Paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary antibody at 10 ug/mL, 1 hr incubation followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing Golgi apparatus and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Publications

Majewski T, Lee S, Jeong J et al. Understanding the development of human bladder cancer by using a whole-organ genomic mapping strategy. *Lab Invest* 2008-07-01 [PMID: 18458673]



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Products Related to NBP1-36963

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00009445-P02-10ug	Recombinant Human ITM2B GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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