

Datasheet for ABIN7602933
anti-TIMD2 antibody (C-Term)



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Overview

Quantity:	100 µg
Target:	TIMD2
Binding Specificity:	C-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIMD2 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-Tim 2/Timd2 Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of mouse Tim 2/Timd2, which shares 73.9% amino acid (aa) sequence identity with rat Timd2.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-Tim 2/Timd2 Antibody Picoband® (ABIN7602933). Tested in Flow Cytometry, IF, IHC, WB applications. This antibody reacts with Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	TIMD2
Alternative Name:	Timd2 (TIMD2 Products)
Background:	<p>Synonyms: Protein Bop, BH3-only protein, Retrotransposon Gag-like protein 10, RTL10, BOP, C22orf29</p> <p>Tissue Specificity: Ubiquitously expressed.</p> <p>Background: Enables ferritin receptor activity. Acts upstream of or within iron ion transport.</p> <p>Located in cell surface. Is expressed in 4-cell stage embryo, liver, liver left lobe, liver right lobe, and metanephros. Human ortholog(s) of this gene implicated in atopic dermatitis. Orthologous to human HAVCR1 (hepatitis A virus cellular receptor 1).</p>
Molecular Weight:	70 kDa
Gene ID:	171284
UniProt:	Q8R183

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Mouse</p> <p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Mouse, Rat</p> <p>Immunofluorescence, 5 µg/mL, Mouse</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Mouse</p> <p>1. de Souza, A. J., Oriss, T. B., O'Malley, K. J., Ray, A., Kane, L. P. T cell Ig and mucin 1 (TIM-1) is expressed on in vivo-activated T cells and provides a costimulatory signal for T cell activation. Proc. Nat. Acad. Sci. 102: 17113-17118, 2005. 2. Feigelstock, D., Thompson, P., Mattoo, P., Zhang, Y., Kaplan, G. G. The human homolog of HAVcr-1 codes for a hepatitis A virus cellular receptor. J. Virol. 72: 6621-6628, 1998. 3. Ichimura, T., Asseldonk, E. J. P., Humphreys, B. D., Gunaratnam, L., Duffield, J. S., Bonventre, J. V. Kidney injury molecule-1 is a phosphatidylserine receptor that confers a phagocytic phenotype on epithelial cells. J. Clin. Invest. 118: 1657-1668, 2008.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.