

Datasheet for ABIN7602217
anti-TREML2 antibody (AA 64-321)



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Overview

Quantity:	100 µg
Target:	TREML2
Binding Specificity:	AA 64-321
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TREML2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-TREML2 Antibody Picoband®
Immunogen:	E.coli-derived human TREML2 recombinant protein (Position: E64-I321).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TREML2 Antibody Picoband® (ABIN7602217). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human. 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:	TREML2
Alternative Name:	TREML2 (TREML2 Products)
Background:	<p>Synonyms: Pannexin-2, PANX2</p> <p>Tissue Specificity: Expressed in fetal and adult brain. Also detected in fetal liver and skeletal muscle, but not in their adult counterparts.</p> <p>Background: TREML2 is a single-pass type I membrane protein, and it contains 1 Ig-like V-type (immunoglobulin-like) domain. TREML2 is a cell surface receptor that may play a role in the innate and adaptive immune response. TREML2 is located in a gene cluster on chromosome 6 with the single Ig variable (IgV) domain activating receptors TREM1 and TREM2, but it has distinct structural and functional properties.</p>
Molecular Weight:	70 kDa
Gene ID:	79865
UniProt:	Q5T2D2

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Allcock, R. J. N., Barrow, A. D., Forbes, S., Beck, S., Trowsdale, J. The human TREM gene cluster at 6p21.1 encodes both activating and inhibitory single IgV domain receptors and includes NKp44. <i>Europ. J. Immun.</i> 33: 567-577, 2003. 2. Benitez, B. A., Jin, S. C., Guerreiro, R., Graham, R., Lord, J., Harold, D., Sims, R., Lambert, J.-C., Gibbs, J. R., Bras, J., Sassi, C., Harari, O., and 34 others. Missense variant in TREML2 protects against Alzheimer's disease. <i>Neurobiol. Aging</i> 35: e19-e26, 2014. Note: Electronic Article.</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
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .

Handling

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.