

Datasheet for ABIN7600907
anti-TMEM129 antibody (AA 25-362)



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Overview

Quantity:	100 µg
Target:	TMEM129
Binding Specificity:	AA 25-362
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM129 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-TMEM129 Antibody Picoband®
Immunogen:	E.coli-derived human TMEM129 recombinant protein (Position: E25-R362).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TM Antibody Picoband® (ABIN7600907). 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:	TMEM129
Alternative Name:	TMEM129 (TMEM129 Products)
Background:	<p>Synonyms: Protein eva-1 homolog A, Protein FAM176A, Transmembrane protein 166, EVA1A, FAM176A, TMEM166, SP24</p> <p>Tissue Specificity: Expressed in lung, kidney, liver, pancreas, placenta, but not in heart and skeletal muscle.</p> <p>Background: Enables ubiquitin protein ligase activity. Involved in protein polyubiquitination, retrograde protein transport, ER to cytosol, and ubiquitin-dependent ERAD pathway. Located in endoplasmic reticulum.</p>
Molecular Weight:	50 kDa
Gene ID:	92305

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Hartz, P. A. Personal Communication. Baltimore, Md. 9/2/2014. 2. van den Boomen, D. J. H., Timms, R. T., Grice, G. L., Stagg, H. R., Skodt, K., Dougan, G., Nathan, J. A., Lehner, P. J.</p> <p>TMEM129 is a Derlin-1 associated ERAD E3 ligase essential for virus-induced degradation of MHC-I. Proc. Nat. Acad. Sci. 111: 11425-11430, 2014.</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 .
Storage:	4 °C, -20 °C
Storage Comment:	<p>At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.</p> <p>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.</p>