

Datasheet for ABIN7600523  
**anti-MMD antibody (AA 20-182)**



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## Overview

Quantity:	100 µg
Target:	MMD
Binding Specificity:	AA 20-182
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMD antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Western Blotting (WB)

## Product Details

Purpose:	Anti-MMD Antibody Picoband®
Immunogen:	E.coli-derived human MMD recombinant protein (Position: R20-A182). Human MMD shares 100% amino acid (aa) sequence identity with both mouse and rat MMD.
Characteristics:	Anti-MMD Antibody Picoband® (ABIN7600523). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human, 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:	MMD
Alternative Name:	MMD ( <a href="#">MMD Products</a> )
Background:	This protein is expressed by in vitro differentiated macrophages but not freshly isolated monocytes. Although sequence analysis identifies seven potential transmembrane domains, this protein has little homology to G-protein receptors and it has not been positively identified as a receptor. A suggested alternative function is that of an ion channel protein in maturing macrophages.
Molecular Weight:	28 kDa
Gene ID:	23531
UniProt:	<a href="#">Q15546</a>

## Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1×10 <sup>6</sup> cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Rehli, M., Krause, S. W., Schwarzfischer, L., Kreutz, M., Andreesen, R. Molecular cloning of a novel macrophage maturation-associated transcript encoding a protein with several potential transmembrane domains. Biochem. Biophys. Res. Commun. 217: 661-667, 1995. 2. Tang, Y. T., Hu, T., Arterburn, M., Boyle, B., Bright, J. M., Emtage, P. C., Funk, W. D. PAQR proteins: a novel membrane receptor family defined by an ancient 7-transmembrane pass motif. J. Molec. Evol. 61: 372-380, 2005.
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 <sub>2</sub> HPO <sub>4</sub> .
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.