

Purified anti-mouse CD96 (TACTILE) Recombinant Antibody

Catalog# / Size	162402 / 100 µg
Clone	QA19A37
Regulatory Status	RUO
Isotype	Rat IgG2a, κ
Description	CD96, also called Tactile is preferentially expressed on T cells and NK cells and may play a role in the adhesive interaction of activated T and NK cells to their target cells during late phase of immune response. It may also play a role in antigen presentation and/or lymphocyte activation.

Product Details

Verified Reactivity	Mouse
Antibody Type	Recombinant
Host Species	Rat
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Preparation	The antibody was purified by affinity chromatography.
Concentration	0.5 mg/mL
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C.
Application	FC - Quality tested
Recommended Usage	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis . For flow cytometric staining, the suggested use of this reagent is ≤ 0.5 µg per million cells in 100 µL volume. It is recommended that the reagent be titrated for optimal performance for each application.
RRID	AB_2892333 (BioLegend Cat. No. 162402)

Antigen Details

Structure	Type 1 single chain membrane glycoprotein of 569 amino acids. Member of the Ig superfamily with three Ig domains and extensive glycosylation.
Distribution	Positive on most peripheral T cells, NK cells and upregulated when activated.
Ligand/Receptor	CD155, nectin 1
Cell Type	NK cells, NKT cells, T cells
Biology Area	Cell Adhesion
Molecular Family	Adhesion Molecules, CD Molecules
Antigen References	<ol style="list-style-type: none">1. Wang PL, <i>et al.</i> 1992. <i>J Immunol.</i> 148:2600.2. Mittal D, <i>et al.</i> 2019. <i>Cancer Immunol Res.</i> 7:559-571.3. Georgiev H, <i>et al.</i> 2018. <i>Front Immunol.</i> 9:1072.4. Blake SJ, <i>et al.</i> 2016. <i>Clin Cancer Res.</i> 22:5183-5188.
Gene ID	84544

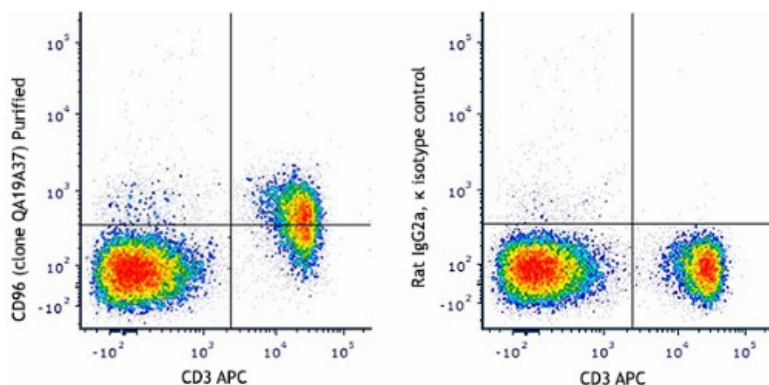
Related Protocols

[Cell Surface Flow Cytometry Staining Protocol](#)

Other Formats

Purified anti-mouse CD96 (TACTILE) Recombinant Antibody, PE anti-mouse CD96 (TACTILE) Recombinant Antibody

Product Data



C57BL/6 splenocytes were stained with CD3 APC and purified anti-mouse CD96 recombinant (clone QA19A37) (left) or purified rat IgG2a, κ isotype control (right), followed by anti-rat IgG PE.

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