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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CD226 [FMU-mCD226.1] Standard Size Ab03377-8.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric rat antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Rat IgG2b, Fc Silent™, Kappa

Clone Number: FMU-mCD226.1

Alternative Name(s) of Target: DNAM1; DNAM-1; TLisA1; PTA-1; CD226 antigen; DNAX accessory molecule 1; T lineage specific activation antigen 1; platelet and T cell antigen 1

UniProt Accession Number of Target Protein: Q8K4F0

Published Application(s): WB, ELISA, FC

Published Species Reactivity: Mouse

Immunogen: The original antibody was generated by immunizing CD226KO (CD226 knockout) mice with purified CD226-Fc recombinant fusion protein.

Specificity: This antibody binds mouse CD226. This protein is expressed on the surface of natural killer cells, platelets, monocytes and a subset of T cells. It is involved in intercellular adhesion, lymphocyte signaling, cytotoxicity and lymphokine secretion mediated by cytotoxic T-lymphocyte (CTL) and NK cell. It acts as cell surface receptor for NECTIN2. On binding with ligand it stimulates T-cell proliferation and cytokine production, including that of IL2, IL5, IL10, IL13, and IFNG.

Application Notes: The binding of this antibody to recombinant mouse CD226-Fc fusion protein was determined using indirect ELISA. This antibody is capable of binding mouse CD226 expressed on wild-type mouse platelets in a flow cytometric assay. This antibody was also reported to promote platelet aggregation. This antibody can be used to identify CD226 expressed in platelet lysates using western blot (CN111363042).

Antibody First Published in: PMID:

Note on publication:

Product Form

Size: 200 µg Purified antibody.

Purification:

Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.