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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CD112 [Nec1-803-2] Standard Size Ab03745-10.3

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

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: Nec1-803-2

Alternative Name(s) of Target: Nectin-2; NECTIN2; HVEB; PRR2; PVRL2; Herpes virus entry mediator B; Herpesvirus entry mediator B; Nectin cell adhesion molecule 2; Poliovirus receptor-related protein 2

UniProt Accession Number of Target Protein: Q92692

Published Application(s): functional assay, inhibit, ELISA, FC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing KM mice with an emulsion prepared by mixing the Nectin-2ED-Fc protein and Nectin-2ED-FLAG protein.

Specificity: This antibody binds an epitope between amino acids 47-142 of the human CD112 (Nectin-2) and does not cross react with cynomolgus monkey CD112. It is also capable of binding G113R and H128R mutants of human CD112. Nectin-2 acts as a modulator of T-cell signaling. It can be either a costimulator of T-cell function, or a coinhibitor, depending on the receptor it binds to. Upon binding to CD226, stimulates T-cell proliferation and cytokine production, including that of IL2, IL5, IL10, IL13, and IFNG. Upon interaction with PVRIG, inhibits T-cell proliferation.

Application Notes: The binding of this antibody to CD112 or Nectin-2 expressed on the surface of CHO cells was determined using whole cell ELISA. The reactivity of this antibody for human CD112 expressed on CHO-K1 cells was checked using flow cytometry. This antibody shows good ADCC activity against OV-90 human ovarian cancer cell lines. The in-vivo anti-tumor activity of this antibody was checked in nude mice models subcutaneously-transplanted with the OV-90 human ovarian cancer cell line (US20100008928).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 100 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.