



Mouse anti-Human NRP1 monoclonal antibody, clone BE6-28G7 (CABT-B12289)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	BE6-28G7
Conjugate	Unconjugated
Applications	FC
Format	Liquid
Size	100 µg
Buffer	Reagents are supplied in buffer containing stabilizer and 0.05% sodium azide.
Storage	Store protected from light at 2–8 °C. Do not freeze.

BACKGROUND

Introduction	It recognizes the human CD304 (BDCA-4) antigen. Like CD303 (BDCA-2), the CD304 (BDCA-4) antigen is specifically expressed on human plasmacytoid dendritic cells in blood and bone marrow. Unlike CD303 (BDCA-2), expression of CD304 (BDCA-4) is up-regulated on plasmacytoid dendritic cells and induced on myeloid cells upon culturing. In inflamed tonsils, CD304 (BDCA-4) expression, apart from plasmacytoid dendritic cells, is also detected primarily on follicular B helper memory T cells. CD304 (BDCA-4) is identical to neuropilin-1 (NP-1), a neuronal receptor, which is known to be expressed on numerous nonhematopoietic cell types,
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including neurons, endothelial, and tumor cells. CD1a+ dendritic cells generated ex vivo from monocytes or hematopoietic precursor cells are CD304 (BDCA-4)+ but CD303 (BDCA-2)\u2013

Keywords NRP1; neuropilin 1; NP1; NRP; BDCA4; CD304; VEGF165R; neuropilin-1; transmembrane receptor; vascular endothelial cell growth factor 165 receptor;

GENE INFORMATION

Entrez Gene ID [8829](#)

UniProt ID [O14786](#)
