



## 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

<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	BE6-28G7
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	FC
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	Reagents are supplied in buffer containing stabilizer and 0.05% sodium azide.
<b>Storage</b>	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,

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

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

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## GENE INFORMATION

**Entrez Gene ID** [8829](#)

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**UniProt ID** [O14786](#)

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