

Catalog	Unit
TBS10338-0.5MG	0.5 mg
TBS10338-1MG	1 mg
TBS10338-5MG	5 mg

Description

InVivo Plus Anti-Mouse CD161 antibody recognizes mouse NK1.1 (CD161b/CD161c, KLRB1, NKR-P1A), a type II membrane glycoprotein with a C-type lectin domain encoded by *Klrblc*. NK1.1 plays a key role in NK-cell activation, differentiation, IFN- γ production, and cytotoxic granule release, and is also expressed on a small subset of NK-T cells. NK1.1 is predominantly present as a disulfide-linked homodimer on NK cells. Expression of NK1.1 is strain-restricted, found in C57BL/6, FVB/N, and NZB mice, but absent in strains such as AKR, BALB/c, CBA/J, C3H, DBA, NOD, SJL, and 129. This antibody is suitable for in vivo applications, including depletion or functional modulation of NK cells and NK-T cells in mouse models.

Synonyms

NK1.1 antibody, CD161 antibody, Killer cell lectin-like receptor subfamily B member 1 (KLRB1) antibody, NKR-P1A antibody.

Product Details

Applications:	In-vivo NK cell depletion, FCM.
Species reactivity:	Mouse
Host:	Mouse
Isotype:	IgG2a, kappa
Target:	CLEC5B, KLRB1, CD161, HNKR-P1a, C-type lectin domain family 5 member B, NKR-P1A, Natural killer cell surface protein P1A, Killer cell lectin-like receptor subfamily B member 1, NKR-P1A.
Uniprot:	P27811
Concentration:	3 mg/ml
Purity:	>95%
Formulation:	Liquid
Storage buffer:	0.01M PBS, pH 7.4.
Purification:	Protein A/G purified from cell culture supernatant.
Clonality:	Monoclonal
Storage:	Store -20°C up to 12 months, and -80°C for long term. Avoid repeated freeze-thaw cycles.

Data Image

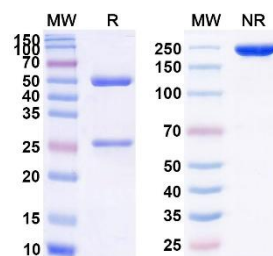


Fig. 1. SDS-PAGE for InVivo Plus Anti-Mouse CD161/KLRB1/NK1.1 Antibody

MW: Molecular Weight (kDa) Marker
 R: Reducing conditions
 NR: Non-Reducing conditions

For research use only.