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Klrb1c Rabbit pAb

Catalog # AP96775

Product Information

Application	WB
Primary Accession	P27814
Other Accession	P27814
Reactivity	Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25077
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse CD161c/NK1.1
Epitope Specificity	101-200/223
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBUNIT	Homodimer; disulfide-linked. Interacts with tyrosine kinase LCK.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Enables identical protein binding activity and signaling receptor activity. Acts upstream of or within natural killer cell activation and positive regulation of natural killer cell mediated cytotoxicity. Located in external side of plasma membrane. Is integral component of plasma membrane. Is expressed in thymus primordium. Orthologous to human KLRB1 (killer cell lectin like receptor B1). [provided by Alliance of Genome Resources, Apr 2022]

Additional Information

Gene ID	17059
Other Names	CD161; Klrb1b; Ly-59; Ly55c; Ly59; NK-RP1; NK1.1; NKR-P1.9; NKRP1; NKRP140; Nk-1; Nk-1.2; Nk1; Nk1.2; Nkrp1b; Nkrp1c; ly-55c; NKR-P1A; Nkrp1a; KLRBC_MOUSE; Klrb1c; CD161 antigen-like family member C; Lymphocyte antigen 55c (Ly-55c); NKR-P1C; Natural killer cell surface protein P1-40 (NKR-P1 40); KLRB1_RAT; Klrb1; Immunoreceptor NKR-P1E; Killer cell lectin-like receptor subfamily B member 1G; Natural killer cell surface protein NKR-P1G; Natural killer lectin-like receptor 1E; Klrb1d; Klrb1g; Klrb6; Nkrp1e; Nkrp1g; CLEC5B; NKR; NKR-P1; hNKR-P1A;
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Klrb1c
Synonyms	Ly55c, Nkrp1c
Function	Plays a stimulatory role on natural killer (NK) cells cytotoxicity. Activation by cross-linking of the receptor induces Ca(2+) mobilization and interferon-gamma production.
Cellular Location	Membrane; Single-pass type II membrane protein.
Tissue Location	Expressed in natural killer cells.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.