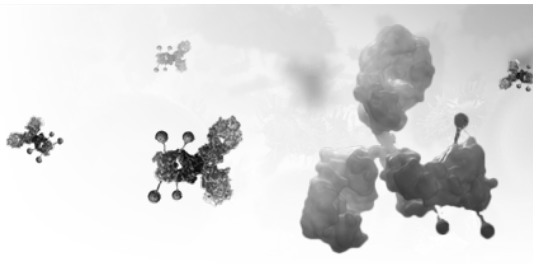

KLRB1 peptide (DAG-P0287)

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

PRODUCT INFORMATION

Antigen Description	Natural killer (NK) cells are lymphocytes that mediate cytotoxicity and secrete cytokines after immune stimulation. Several genes of the C-type lectin superfamily, including the rodent NKRP1 family of glycoproteins, are expressed by NK cells and may be involved in the regulation of NK cell function. The KLRB1 protein contains an extracellular domain with several motifs characteristic of C-type lectins, a transmembrane domain, and a cytoplasmic domain. The KLRB1 protein is classified as a type II membrane protein because it has an external C terminus. [provided by RefSeq, Jul 2008]
Specificity	Expressed in a subset of NK cells predominantly in intestinal epithelium and liver. Detected in peripheral blood T-cells and preferentially in adult T-cells with a memory antigenic phenotype.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 C-type lectin domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	KLRB1 killer cell lectin-like receptor subfamily B, member 1 [Homo sapiens (human)]
Official Symbol	KLRB1
Synonyms	KLRB1; killer cell lectin-like receptor subfamily B, member 1; NKR; CD161; CLEC5B; NKR-P1;

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	NKRP1A; NKR-P1A; hNKR-P1A; killer cell lectin-like receptor subfamily B member 1; C-type lectin domain family 5 member B; natural killer cell surface protein P1A;
Entrez Gene ID	3820
mRNA Refseq	NM_002258.2
Protein Refseq	NP_002249.1
UniProt ID	Q12918
Chromosome Location	12p13
Pathway	Malaria, organism-specific biosystem; Malaria, conserved biosystem;
Function	carbohydrate binding; transmembrane signaling receptor activity;

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