

KLRF1 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12770

Product Information

Application	WB
Primary Accession	Q9NZS2
Other Accession	NM_016523 , NP_057607
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26563

Additional Information

Gene ID	51348
Alias Symbol Other Names	CLEC5C, MGC119907, MGC119908, MGC119909, NKp80 Killer cell lectin-like receptor subfamily F member 1, Lectin-like receptor F1, Activating coreceptor NKp80, C-type lectin domain family 5 member C, KLRF1, CLEC5C, ML
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-KLRF1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	KLRF1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KLRF1
Synonyms	CLEC5C, ML
Function	Functions as an activating receptor involved in immunosurveillance upon binding to various ligands displayed at the surface of myeloid cells. Upon interaction with CLEC2B ligand, stimulates NK-cell cytotoxicity and cytokine production leading to the cytolysis of malignant CLEC2B-expressing myeloid cells. Activation of the common cytotoxicity pathway involves SRC and SYK kinases (PubMed: 21149606).

Cellular Location

Membrane; Single-pass type II membrane protein

Tissue Location

Strongly expressed in peripheral blood leukocytes and spleen, with weaker expression in lymph node and adult liver, and no expression detected in bone marrow, thymus, and fetal liver. Not expressed in brain, heart, placenta, lung, kidney, skeletal muscle, and pancreas. Within peripheral blood leukocyte and immunocyte cell lines, expression was predominant in NK cells but was also detected in monocytes.

Images



WB Suggested Anti-KLRF1 Antibody Titration: 0.2-1 µg/ml
Positive Control: COLO205 cell lysate

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