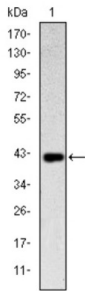
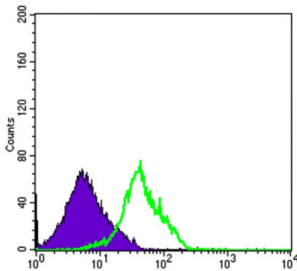


Natural Killer Cells Antigen CD94 (KLRD1) Antibody

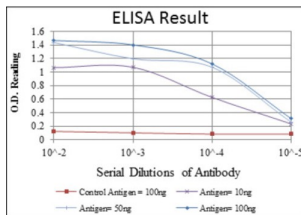
Catalogue No.: abx011233



Western blot analysis using CD94 antibody against human CD94 (AA: 32-179) recombinant protein. (Expected MW is 42.6 kDa).



Flow cytometric analysis of RAJI cells using CD94 antibody (green) and negative control (purple).



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

Natural killer (NK) cells are a distinct lineage of lymphocytes that mediate cytotoxic activity and secrete cytokines upon immune stimulation. Several genes of the C-type lectin superfamily, including members of the NKG2 family, are expressed by NK cells and may be involved in the regulation of NK cell function. KLRD1 (CD94) is an antigen preferentially expressed on NK cells and is classified as a type II membrane protein because it has an external C terminus. Plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells. Tissue specificity: Natural killer cells.

Target: Natural Killer Cells Antigen CD94 (KLRD1)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, FCM

Host: Mouse

Datasheet

Version: 3.0.0
Revision date: 23 Feb 2025



Recommended dilutions: ELISA: 1/10000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human CD94 expressed in E. coli.

Isotype: IgG₁

Form: Liquid

Purification: Unpurified ascites.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q13241 ([UniProt](#), [ExPASy](#))

Gene Symbol: KLRD1

GeneID: [3824](#)

OMIM: [602894](#)

HGNC: 6378

KEGG: hsa:3824

Ensembl: ENSG00000134539

String: [9606.ENSP00000371333](#)

Molecular Weight: 21 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: This product is for research use only.