

CD94 Mouse mAb

CatalogNo: YM0138

| Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- WB, Flow Cyt, ELISA

MW

- 21kD (Calculated)

| Recommended Dilution Ratios

WB 1:500-1:2000

Flow Cyt 1:200-1:400

ELISA 1:10000

Not yet tested in other applications.

| Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Monoclonal

| Immunogen Information

Immunogen

Purified recombinant fragment of human CD94 expressed in E. Coli.

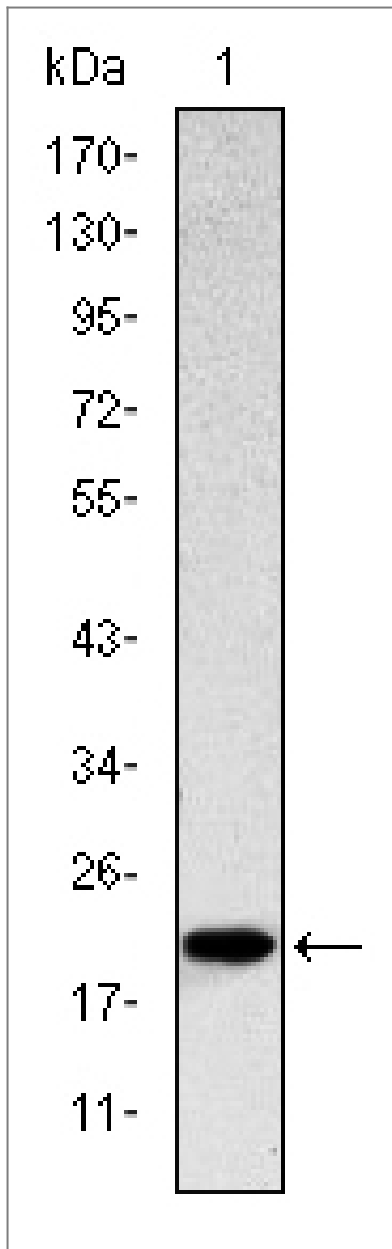
Specificity

CD94 Monoclonal Antibody detects endogenous levels of CD94 protein.

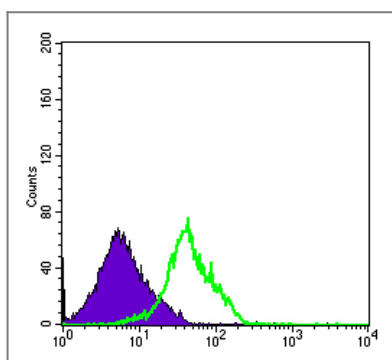
| Target Information

Gene name	KLRD1		
Protein Name	Natural killer cells antigen CD94		
	Organism	Gene ID	UniProt ID
	Human	3824 ;	Q13241 ;
	Mouse		O54707 ;
Cellular Localization	Cell membrane ; Single-pass type II membrane protein .		
Tissue specificity	Expressed in NK cell subsets (at protein level) (PubMed:21825173, PubMed:9430220, PubMed:9485206). Expressed in memory/effector CD8-positive alpha-beta T cell subsets (at protein level) (PubMed:12387742, PubMed:20952657). Expressed in melanoma-specific cytotoxic T cell clones (at protein level) (PubMed:9485206). Expressed in terminally differentiated cytotoxic gamma-delta T cells (at protein level) (PubMed:20952657). KLRD1-KLRC1 and KLRD1-KLRC2 are differentially expressed in NK and T cell populations, with only minor subsets expressing both receptor complexes (at protein level) (PubMed:20952657).		
Function	Function:Plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells.,online information:CD94,similarity:Contains 1 C-type lectin domain.,subunit:Can form disulfide-bonded heterodimer with NKG2 family members.,tissue specificity:Natural killer cells.,		

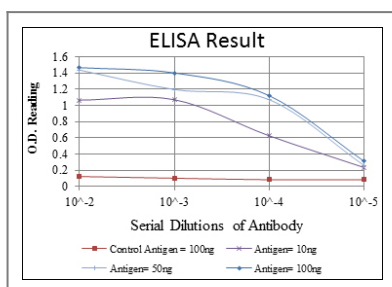
| Validation Data



Western Blot analysis using CD94 Monoclonal Antibody against recombinant protein.



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



| Contact information

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Please scan the QR code
to access additional
product information:
CD94 Mouse mAb

For Research Use Only. Not for Use in Diagnostic Procedures.

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