

## CD94 Antibody

Catalog No: #48471

Package Size: #48471-1 50ul #48471-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

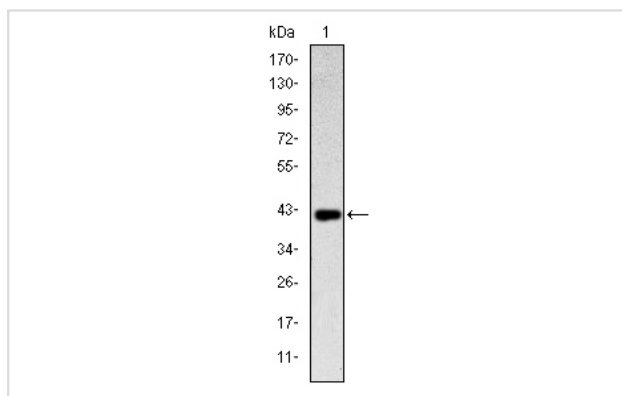
## Description

Product Name	CD94 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	C6-H1
Purification	ProA affinity purified
Applications	WB,FC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	CD 94 antibody CD94 antibody CD94 antigen antibody Killer cell lectin like receptor subfamily D member 1 antibody Killer cell lectin-like receptor subfamily D member 1 antibody KLRD 1 antibody KLRD1 antibody KLRD1 protein antibody KLRD1_HUMAN antibody KP 43 antibody KP43 antibody Natural killer cells antigen CD94 antibody NK cell receptor antibody OTTHUMP00000238754 antibody OTTHUMP00000238755 antibody OTTHUMP00000238756 antibody OTTHUMP00000238758 antibody OTTHUMP00000239093 antibody
Accession No.	Swiss-Prot#:Q13241
Uniprot	Q13241
GeneID	3824;
Calculated MW	21 kDa
Formulation	1*TBS (pH7.4), 1%BSA, Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

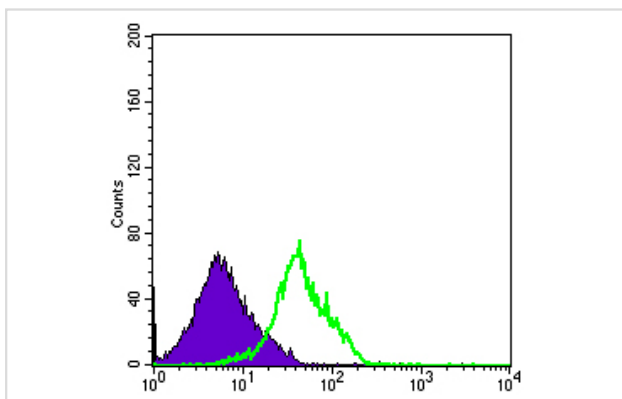
## Application Details

WB: 1:500-1:1,000FC: 1:100-1:200

## Images



Western blot analysis of CD94 on human CD94 recombinant protein using anti-CD94 antibody at 1/1,000 dilution.



Flow cytometric analysis of RAJI cells with CD94 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; purple).

## Background

The activity of natural killer (NK) cells is regulated by members of multiple receptor families that recognize class I MHC molecules, such as the killer cell inhibitory receptor/leukocyte immunoglobulin-like receptor (KIR/LIR) family and the C-type lectin superfamily. The KIR/LIR family includes p91A and p91B (also designated PIR-A). p91A acts as an inhibitory receptor through interactions with SHP-1, whereas p91B acts as an activating receptor (3-4). CD94, NKG2 and Ly-49 are members of the C-type lectin superfamily of type II membrane glycoproteins. CD94 forms heterodimers with NKG2 isoforms on the surface of NK cells, whereas Ly-49 isoforms form homodimers. NKG2-D, expressed on NK cells, gdT cells, and CD8+  $\alpha\beta$  T cells, is a receptor for the stress inducible protein MICA, an antigen frequently expressed in epithelial tumors.

## References

Note: This product is for in vitro research use only