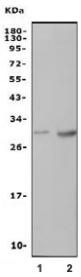
Cd94 Antibody (RQ6194)

Catalog No.	Formulation	Size
RQ6194	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.0125% sodium azide
UniProt	O54707
Applications	Western blot: 1-2ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This Cd94 antibody is available for research use only.



Western blot testing of 1) rat blood and 2) mouse thymus lysate with Cd94 antibody. Expected molecular weight: 19-30 kDa depending on glycosylation level.

Description

CD94 (Cluster of Differentiation 94), also known as killer cell lectin-like receptor subfamily D, member 1 (KLRD1) is a human gene. 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. Several transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the Cd94 antibody should be determined by the researcher.

Immunogen

A mouse recombinant partial protein (amino acids N33-I179) was used as the immunogen for the Cd94 antibody.

Storage

After reconstitution, the Cd94 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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