

## Mouse Monoclonal Antibody to CD94

<b>Catalogue Number</b>	sAP-0526
<b>Target Molecule</b>	<b>Name: CD94</b> <b>Aliases: CD94; KLRD1</b> <b>MW: 21kDa</b> <b>Entrez Gene ID: 3824</b>
<b>Description</b>	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.
<b>Immunogen</b>	Purified recombinant fragment of human CD94 expressed in E. Coli.
<b>Recitative Species</b>	Human
<b>Clone</b>	MM1H1;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Leukemia. 2008 Sep;22(9):1778-81. ; 2. Traffic. 2008 Jun;9(6):1019-34.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**