

Rat CD94 Monoclonal Antibody | anti-CD94 antibody

RAT ANTI MOUSE CD94

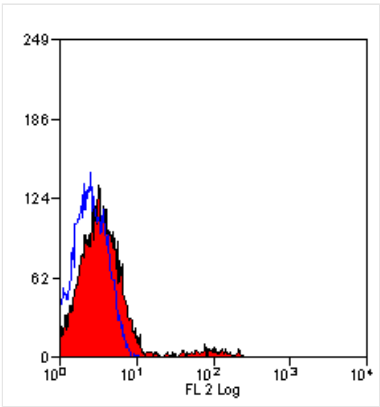
CATALOG # AAA49358	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

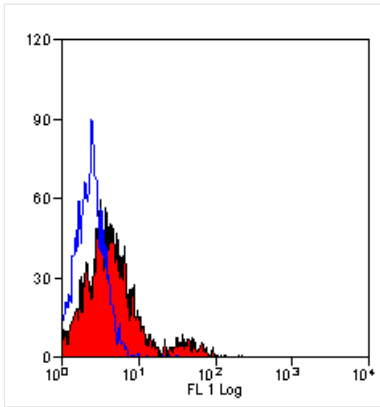
CD94; Monoclonal Antibody; RAT ANTI MOUSE CD94; anti-CD94 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	18d3
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	179
Applicable Applications for anti-CD94 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Immunogen	CHO cells transfected with B6 allele of CD94 Fusion Partners
Target Species	Mouse
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



Application Data
Staining of mouse peripheral blood lymphocytes probed with Rat anti Mouse CD94 : RPE



Application Data
Staining of mouse peripheral blood lymphocytes with Rat anti Mouse CD94: Alexa Fluor 488

ADDITIONAL INFORMATION

Related Product Information for anti-CD94 antibody	Rat anti Mouse CD94 antibody, clone 18d3 recognizes murine CD94, a 70kDa cell surface glycoprotein expressed primarily by mouse natural killer (NK) cells. The murine CD94 molecule forms heterodimers with NKG2A, C or E subunits to form the CD94/NKG2 receptor. In mice the CD94/NKG2 receptor recognizes Qa-1b, a non-classical MHC class 1 molecule. CD94/NKG2 receptors may play an important role in self-tolerance of NK cells during fetal and neonatal life. N.B. Recent reports suggest that DBA/2J mice do not express cell surface CD94/NKG2A receptors (Vance et al. 2002).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754470
NCBI GeneID	16643
NCBI Accession #	NP_034784.1
NCBI GenBank Nucleotide #	NM_010654.3
UniProt Accession #	O54707; O54708
Molecular Weight	20,808 Da
NCBI Official Full Name	natural killer cells antigen CD94
NCBI Official Synonym Full Names	killer cell lectin-like receptor, subfamily D, member 1
NCBI Official Symbol	Klrd1
NCBI Official Synonym Symbols	CD94
NCBI Protein Information	natural killer cells antigen CD94
UniProt Protein Name	Natural killer cells antigen CD94
UniProt Gene Name	Klrd1
UniProt Synonym Gene Names	Cd94
UniProt Entry Name	KLRD1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.