Human CD94 Alexa Fluor® 594-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 131412

Catalog Number: FAB1058T

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Recognizes human CD94 both in its homodimeric form and as a heterodimer with either NKG2A or NKG2C.
Source	Monoclonal Mouse IgG_1 Clone # 131412
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	BaF3 mouse pro-B cell line transfected with human CD94 and NKG2A
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10^6 cells	Human whole blood $CD56^+$ natural killer cells

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Protect from light. Do not freeze.** ● 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

The type-II transmembrane glycoprotein CD94 covalently associates with C-type lectins of the NKG2 family to yield heterodimers important in NK cell recognition of class I MHC molecules. CD94/NKG2A complexes are also found on a subset of CD8+ T cells. Expression of CD94/NKG2 heterodimers may regulate cell survival and effector functions. There are two alternatively spliced variants of CD94 that differ by 31 amino acids encoded by exon 2

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