

DESCRIPTION

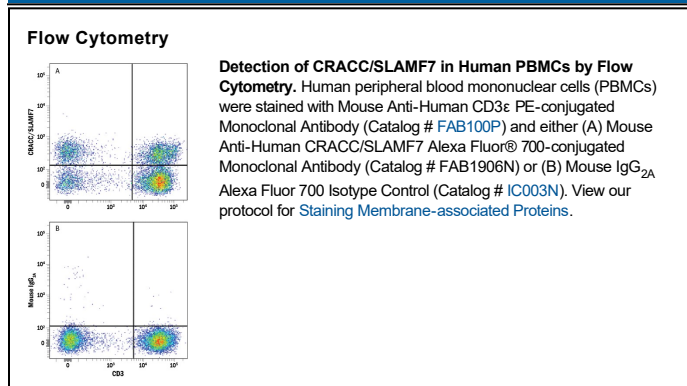
Species Reactivity	Human
Specificity	Detects human CRACC/SLAMF7 in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant human NTB-AR is observed.
Source	Monoclonal Mouse IgG _{2A} Clone # 235614
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human CRACC/SLAMF7 Lys27-Ser225 Accession # Q9NQ25
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 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	5 µL/10 ⁶ cells	See Below

DATA



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

CRACC, also known as CSI (CD2 subset I) and CD319, is a type I transmembrane protein belonging to the CD2 subset of the Ig superfamily. CRACC is expressed on most NK cells and subsets of CD8⁺ cells, CD4⁺ cells and B cells. CRACC may play a role in the activation and effector function of T cells and NK cells and likely participates in B cell adhesion. Over amino acids (aa) 27-225, human and mouse SLAMF7 share 53% aa sequence identity.

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