Mouse MARCO
Alexa Fluor® 350-conjugated Antibody

Monoclonal Rat IgG_1 Clone # 579511

Catalog Number: FAB2956U

100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse MARCO in direct ELISAs.
Source	Monoclonal Rat IgG_1 Clone # 579511
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse MARCO Gln70-Ser518 Accession # Q60754
Conjugate	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. *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	J774 Mouse cell line

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

Mouse MARCO is a type II transmembrane glycoprotein belonging to the class A scavenger receptor family. It is constitutively expressed in subsets of macrophages found in the marginal zone of the spleen, the peritoneum, and the medullary cord of lymph nodes. The extracellular domains of MARCO form a 220 kDa disulfide-linked homotrimer on the cell surface. MARCO binds both gram positive and gram negative bacteria, as well as oxidized low-density lipoprotein. The amino acid sequence of mouse MARCO extracellular domain is 69% identical to that of human MARCO.

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