Human EMR3 Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 908235

Catalog Number: FAB8496G

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human EMR3 in direct ELISAs.
Source	Monoclonal Mouse IgG_{2B} Clone # 908235
Purification	Protein A or G purified from cell culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human EMR3 Met1-Tyr652 Accession # Q9BY15
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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 peripheral blood monocytes

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

EMR3 is a member of the class B seven-span transmembrane (TM7) receptor family. It is expressed predominantly by cells of the immune system, with highest levels in neutrophils, monocytes and macrophages. It may play a role in myeloid-myeloid interactions during immune and inflammatory responses. EMR3 upregulation in glioblastoma multiforme (GBM) is associated with poor survival and may be a potential therapeutic target.

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