

DESCRIPTION

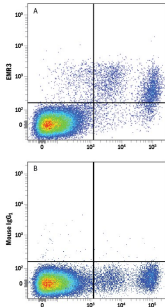
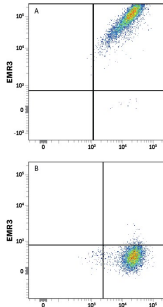
Species Reactivity	Human
Specificity	Stains human EMR3 transfected but not irrelevant transfected cells in flow cytometry.
Source	Recombinant Monoclonal Mouse IgG _{2B} Clone # 908235
Purification	Protein A or G purified from cell culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human EMR3 Met1-Tyr652 Accession # NP_115960
Conjugate	Allophycocyanin Excitation Wavelength: 620-650 nm Emission Wavelength: 660-670 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	10 μ L/10 ⁶ cells	See Below

DATA

<p>Flow Cytometry</p>  <p>Detection of EMR3 in Human Peripheral Blood Monocytes by Flow Cytometry. Human peripheral blood monocytes were stained with Mouse Anti-Human CD14 PE-conjugated Monoclonal Antibody (Catalog # FAB3832P) and either (A) Mouse Anti-Human EMR3 APC-conjugated Monoclonal Antibody (Catalog # FAB8496A) or (B) Mouse IgG_{2B} Allophycocyanin Isotype Control (Catalog # IC0041A). View our protocol for Staining Membrane-associated Proteins.</p>	<p>Flow Cytometry</p>  <p>Detection of EMR3 in HEK293 Human Cell Line Transfected with Human EMR3 and eGFP by Flow Cytometry. HEK293 human embryonic kidney cell line transfected with either (A) human EMR3 or (B) irrelevant transfectants and eGFP was stained with Mouse Anti-Human EMR3 APC-conjugated Monoclonal Antibody (Catalog # FAB8496A). Quadrant markers were set based on control antibody staining (Catalog # IC0041A). View our protocol for Staining Membrane-associated Proteins.</p>
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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. <ul style="list-style-type: none"> 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.