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Datasheet for ABIN1819810
anti-EMR2 antibody (PE)

Overview

Quantity:	100 tests
Target:	EMR2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EMR2 antibody is conjugated to PE
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	NIH-3T3 cells stably transfected with EMR2 (EGF1-5) cDNA. Type of Immunogen: Cells
Clone:	2A1
Isotype:	IgG1
Specificity:	Recognizes human EMR2, a member of the epidermal growth factor-seven transmembrane (EGF-TM7) family of proteins, which is closely related to CD97. EMR2, also known as CD312, is predominantly expressed on myeloid dendritic cells, monocytes and tissue macrophages. Various isoforms of EMR2 have been documented. The ligand for the largest isoform of EMR2 has recently been identified as chondroitin sulphate, which binds to the fourth EGF-like module of EMR2. Clone 2A1 specifically recognizes the stalk region of EMR2.

Product Details

Purification: Protein G purified

Target Details

Target: EMR2

Alternative Name: ADGRE2 / EMR2 ([EMR2 Products](#))

Background: Name/Gene ID: ADGRE2

Subfamily: Orphan-B

Family: GPCR

Synonyms: ADGRE2, CD312 antigen, EMR2, EGF-like module receptor 2, CD312

Gene ID: 30817

Application Details

Application Notes: Approved: Flo (1:1), IHC, IHC-Fr, IP, WB

Usage: The applications listed have been tested for the unconjugated form of this product.

Other forms have not been tested.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Reconstitution: Distilled water

Concentration: Lot specific

Buffer: PBS, 0.09 % sodium azide, 1 % BSA, 5 % sucrose

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing. Protect from light.

Storage: 4 °C, -20 °C

Handling

Storage Comment: Short term: store at 4°C. Long term: -20°C. Avoid freeze-thaw cycles. Protect from light.