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## Datasheet for ABIN1819806 **anti-EMR2 antibody**

### Overview

Quantity:	0.2 mg
Target:	EMR2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EMR2 antibody is un-conjugated
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 (1:50 - 1:200), IHC, IHC-Fr (1:50 - 1:200), IP, WB

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, 0.09 % sodium azide

Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: 4°C or -20°C, Avoid freeze-thaw cycles.