

EMR4 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant EMR4. Catalog # AT1904a

Specification

EMR4 Antibody (monoclonal) (M01) - Product Information

WB, IF, E Application **Primary Accession** 086503 Other Accession XM 377506 Reactivity Human Host mouse Clonality **Monoclonal** Isotype IgG2a Kappa Calculated MW 50903

EMR4 Antibody (monoclonal) (M01) - Additional Information

Other Names

Putative EGF-like module-containing mucin-like hormone receptor-like 4, EGF-like module receptor 4, G-protein coupled receptor 127, G-protein coupled receptor PGR16, EMR4P, EMR4, GPR127, PGR16

Target/Specificity

EMR4 (XP 377506, 21 a.a. ~ 93 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000 IF~~1:50~200 E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2.

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

EMR4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

EMR4 Antibody (monoclonal) (M01) - Protocols

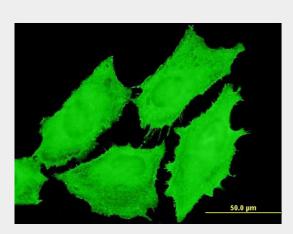
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

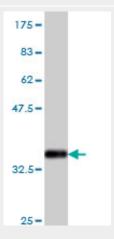


- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

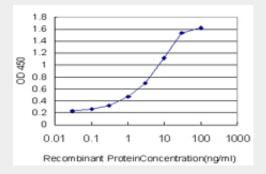
EMR4 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to EMR4P on HeLa cell . [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.77 KDa).



Detection limit for recombinant GST tagged EMR4 is approximately 0.03ng/ml as a capture antibody.

EMR4 Antibody (monoclonal) (M01) - Background





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This gene is a member of the EGF-TM7 receptor gene family which is thought to play a role in leukocyte adhesion and migration. In other vertebrates, including nonhuman primates, this gene encodes a protein containing N-terminal EGF domains and a C-terminal transmembrane domain. Sequence evidence for the human gene, however, indicates nucleotide deletion in the genomic sequence would result in frameshift and early termination of translation. A protein expressed by this gene would be soluble rather than expressed on the cell surface. As the encoded protein has not been detected, this gene may represent a transcribed pseudogene. [provided by RefSeq]