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# EML1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant EML1.
Catalog # AT1900a

## Product Information

| | |
|---|---|
| **Application** | WB |
| **Primary Accession** | O00423 |
| **Other Accession** | NM_001008707 |
| **Reactivity** | Human |
| **Host** | mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgM Kappa |
| **Clone Names** | 5G3 |
| **Calculated MW** | 89861 |

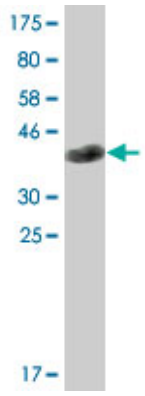
## Additional Information

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|---|---|
| **Gene ID** | 2009 |
| **Other Names** | Echinoderm microtubule-associated protein-like 1, EMAP-1, HuEMAP-1, EML1, EMAP1, EMAPL, EMAPL1 |
| **Target/Specificity** | EML1 (NP_001008707, 1 a.a. ~ 99 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Dilution** | WB~~1:500~1000 |
| **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** | EML1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures. |

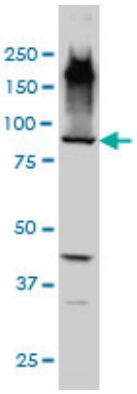
## Background

Human echinoderm microtubule-associated protein-like is a strong candidate for the Usher syndrome type 1A gene. Usher syndromes (USHs) are a group of genetic disorders consisting of congenital deafness, retinitis pigmentosa, and vestibular dysfunction of variable onset and severity depending on the genetic type. The disease process in USHs involves the entire brain and is not limited to the posterior fossa or auditory and visual systems. The USHs are catagorized as type I (USH1A, USH1B, USH1C, USH1D, USH1E and USH1F), type II (USH2A and USH2B) and type III (USH3). The type I is the most severe form. Gene loci responsible for these three types are all mapped. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

## Images




Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .




EML1 monoclonal antibody (M01A), clone 5G3 Western Blot analysis of EML1 expression in HepG2 ( (Cat # AT1900a )

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.