

## Recombinant ADAM15/MDC15 Monoclonal Antibody

catalog number: AN300194P

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

### Description

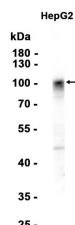
|                     |                                  |
|---------------------|----------------------------------|
| <b>Reactivity</b>   | Human                            |
| <b>Immunogen</b>    | Recombinant Human ADAM15 protein |
| <b>Host</b>         | Rabbit                           |
| <b>Isotype</b>      | IgG                              |
| <b>Clone</b>        | B112                             |
| <b>Purification</b> | Protein A                        |
| <b>Buffer</b>       | 0.2 µm filtered solution in PBS  |

### Applications

### Recommended Dilution

**WB:** 1:1000-1:5000; IHC-P: 1:200-1:1000

### Data



Western blot analysis of extracts from HepG2 cells at  
1:1000.

**Observed-MW:105 kDa**

**Calculated-MW:93 kDa**

### Preparation & Storage

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag                                                         |

### Background

The protein encoded by this gene is a member of the ADAM (a disintegrin and metalloproteinase) protein family. ADAM family members are type I transmembrane glycoproteins known to be involved in cell adhesion and proteolytic ectodomain processing of cytokines and adhesion molecules. This protein contains multiple functional domains including a zinc-binding metalloprotease domain, a disintegrin-like domain, as well as a EGF-like domain. Through its disintegrin-like domain, this protein specifically interacts with the integrin beta chain, beta 3. It also interacts with Src family protein-tyrosine kinases in a phosphorylation-dependent manner, suggesting that this protein may function in cell-cell adhesion as well as in cellular signaling. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]

### For Research Use Only

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086  
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

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