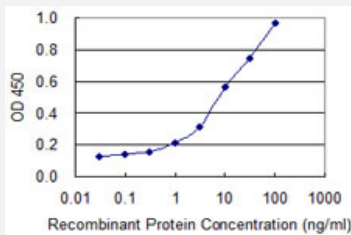


# APOM monoclonal antibody (M07), clone 1A2

Catalog # H00055937-M07

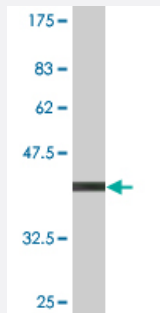
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged APOM is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (44 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a full-length recombinant APOM.

### Immunogen

APOM (AAH20683, 23 a.a. ~ 188 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

### Sequence

CPEHSQLTTLGVDGKEFPEVHLGQWYFIAGAAPTKEELATFDPVDNIVFNMAAGSAPMQLHLRAT  
IRMKDGLCVPRKWYHLTEGSTDLRTEGRPDMKTELFSSSCPGGIMLNETGQGYQRFLLYNRSPH  
PPEKCVVEEFKSLTSCLDKAFLLTPRNQEACELSNN

### Host

Mouse

### Reactivity

Human

|                         |                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------|
| Isotype                 | IgG1 Kappa                                                                                            |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (44 KDa) . |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                     |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                              |

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged APOM is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — APOM

|                     |                              |
|---------------------|------------------------------|
| Entrez GeneID       | <a href="#">55937</a>        |
| GeneBank Accession# | <a href="#">BC020683</a>     |
| Protein Accession#  | <a href="#">AAH20683</a>     |
| Gene Name           | APOM                         |
| Gene Alias          | G3a, HSPC336, MGC22400, NG20 |
| Gene Description    | apolipoprotein M             |
| Omim ID             | <a href="#">606907</a>       |
| Gene Ontology       | <a href="#">Hyperlink</a>    |

**Gene Summary**

The protein encoded by this gene is an apolipoprotein and member of the lipocalin protein family. It is found associated with high density lipoproteins and to a lesser extent with low density lipoproteins and triglyceride-rich lipoproteins. The encoded protein is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport. Two transcript variants encoding two different isoforms have been found for this gene, but only one of them has been fully characterized. [provided by RefSeq]

**Other Designations**

NG20-like protein|OTTHUMP00000029364|alternative name: G3a, NG20

**Disease**

- [Alzheimer disease](#)
- [Arthritis](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Osteoarthritis](#)