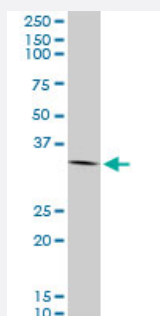


# ANXA2 monoclonal antibody (M08), clone 4G8

Catalog # H00000302-M08

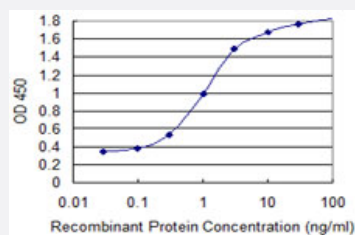
Size 100 ug

## Applications



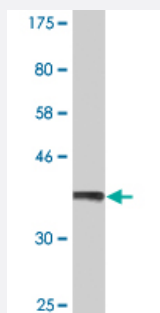
### Western Blot (Cell lysate)

ANXA2 monoclonal antibody (M08), clone 4G8. Western Blot analysis of ANXA2 expression in A-431 (Cat # L015V1).



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ANXA2 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (34.76 kDa).

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant ANXA2.

|                         |                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------|
| Immunogen               | ANXA2 (AAH09564.1, 186 a.a. ~ 268 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence                | IDYELIDQDARDLYDAGVKRKGTDPKWKISIMTERSVPHLQKVFDRYKSYSPYDMLIESIRKEVKGD<br>LENAFLNLVQCIQNKPL                            |
| Host                    | Mouse                                                                                                               |
| Reactivity              | Human                                                                                                               |
| Isotype                 | IgG2a Kappa                                                                                                         |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (34.76 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 (Cell lysate)

ANXA2 monoclonal antibody (M08), clone 4G8. Western Blot analysis of ANXA2 expression in A-431(Cat # L015V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ANXA2 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — ANXA2

|                     |                            |
|---------------------|----------------------------|
| Entrez GeneID       | <a href="#">302</a>        |
| GeneBank Accession# | <a href="#">BC009564</a>   |
| Protein Accession#  | <a href="#">AAH09564.1</a> |

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>          | ANXA2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Gene Alias</b>         | ANX2, ANX2L4, CAL1H, LIP2, LPC2, LPC2D, P36, PAP-IV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Gene Description</b>   | annexin A2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Omim ID</b>            | <a href="#">151740</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Gene Ontology</b>      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Summary</b>       | This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions as an autocrine factor which heightens osteoclast formation and bone resorption. This gene has three pseudogenes located on chromosomes 4, 9 and 10, respectively. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq] |
| <b>Other Designations</b> | OTTHUMP00000163650 annexin II calpactin I heavy polypeptide chromobindin 8 lipocortin II platelet anticoagulant protein IV                                                                                                                                                                                                                                                                                                                                                                                                                 |

## Disease

- [Anemia](#)
- [Cardiovascular Diseases](#)
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- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Osteonecrosis](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)