

Datasheet for ABIN517859

## anti-ASK1 antibody (AA 1231-1374)

5 Images



[Go to Product page](#)

### Overview

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| Quantity:            | 100 µg                                                |
| Target:              | ASK1 (MAP3K5)                                         |
| Binding Specificity: | AA 1231-1374                                          |
| Reactivity:          | Human                                                 |
| Host:                | Mouse                                                 |
| Clonality:           | Monoclonal                                            |
| Conjugate:           | This ASK1 antibody is un-conjugated                   |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (IF) |

### Product Details

|                   |                                                                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | Mouse monoclonal antibody raised against a partial recombinant MAP3K5.                                                                                              |
| Immunogen:        | MAP3K5 (AAH54503, 1231 a.a. ~ 1374 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                |
| Sequence:         | SHDSQSAHRS LNVQLGRMKI ETNRLLEELV RKEKELQALL HRAIEEKDQE IKHLKLKSQP<br>IEIPELPVFH LNSSGTNTED SELTDWLRVN GADEDTISRF LAEDYTLLDV LYYVTRDDLK<br>CLRLRGGMLC TLWKAIDFR NKQT |
| Clone:            | 2D11                                                                                                                                                                |
| Isotype:          | IgG1                                                                                                                                                                |
| Cross-Reactivity: | Human                                                                                                                                                               |
| Characteristics:  | Antibody Reactive Against Recombinant Protein.                                                                                                                      |

Target Details

|                   |                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------|
| Target:           | ASK1 (MAP3K5)                                                                                    |
| Alternative Name: | MAP3K5 (MAP3K5 Products)                                                                         |
| Background:       | Full Gene Name: mitogen-activated protein kinase kinase kinase 5<br>Synonyms: ASK1,MAPKKK5,MEKK5 |
| Gene ID:          | 4217                                                                                             |
| Pathways:         | MAPK Signaling, Positive Regulation of Endopeptidase Activity, Unfolded Protein Response         |

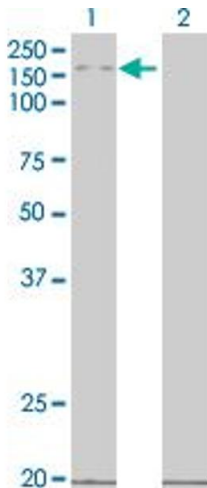
Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

Handling

|                  |                                                                          |
|------------------|--------------------------------------------------------------------------|
| Buffer:          | In 1x PBS, pH 7.4                                                        |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing.                          |
| Storage:         | -20 °C                                                                   |
| Storage Comment: | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

Images

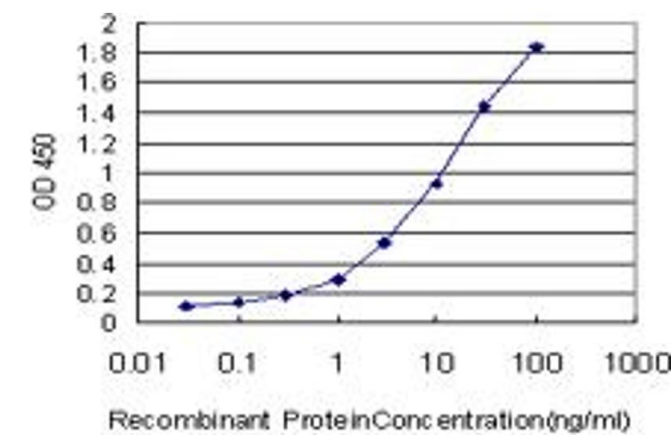


**Western Blotting**

**Image 1.** Western Blot analysis of MAP3K5 expression in transfected 293T cell line by MAP3K5 monoclonal antibody (M03), clone 2D11.

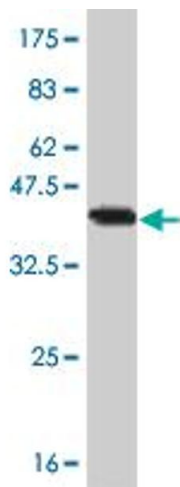
Lane 1: MAP3K5 transfected lysate(155 KDa).

Lane 2: Non-transfected lysate.



ELISA

**Image 2.** Detection limit for recombinant GST tagged MAP3K5 is approximately 0.3ng/ml as a capture antibody.



Western Blotting

**Image 3.** Western Blot detection against Immunogen (41.58 kDa) .

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN517859.