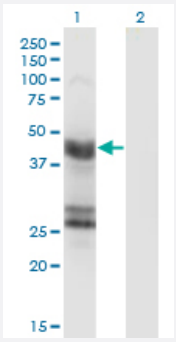
# GFAP monoclonal antibody (M06), clone 8H3

Catalog # H00002670-M06 Size 100 ug

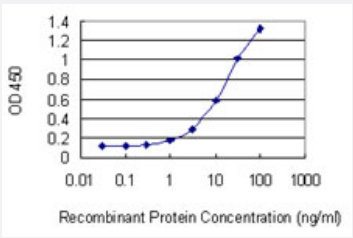
## Applications




### Western Blot (Transfected lysate)

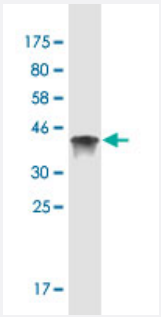
Western Blot analysis of GFAP expression in transfected 293T cell line by GFAP monoclonal antibody (M06), clone 8H3.

Lane 1: GFAP transfected lysate (Predicted MW: 49.9 KDa).
Lane 2: Non-transfected lysate.




### Sandwich ELISA (Recombinant protein)

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




Western Blot detection against Immunogen (36.74 KDa) .

## Specification

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|---|---|
| **Product Description** | Mouse monoclonal antibody raised against a partial recombinant GFAP. |

| | |
|---|---|
| **Immunogen** | GFAP (AAH41765, 131 a.a. ~ 230 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Sequence** | TANSARLEVERDNLAQDLATVRQKLQDETNLRLEAENNLAAYRQEADEATLARLDLERKIESLEEEIRFLRKIHEEEVRELQEQLARQQVHVELDVAKPD |
| **Host** | Mouse |
| **Reactivity** | Human |
| **Isotype** | IgG2b Kappa |
| **Quality Control Testing** | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (36.74 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

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  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

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  Protocol Download

- ELISA

## Gene Info — GFAP

| | |
|---|---|
| **Entrez GeneID** | 2670 |
| **GeneBank Accession#** | BC041765 |

| | |
|---|---|
| **Protein Accession#** | AAH41765 |
| **Gene Name** | GFAP |
| **Gene Alias** | FLJ45472 |
| **Gene Description** | glial fibrillary acidic protein |
| **Omim ID** | 137780 203450 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this g ene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alterna tive splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq |
| **Other Designations** | - |

## Disease

- Alzheimer disease
- Cognition