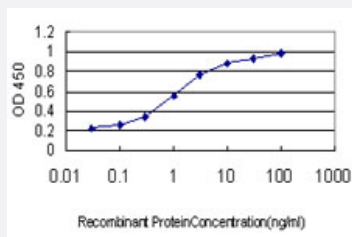


# KREMEN1 monoclonal antibody (M01), clone 1E7

Catalog # H00083999-M01

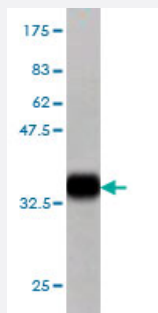
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KREMEN1 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (34.76 KDa) .

## Specification

|                            |                                                                                                                      |
|----------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Mouse monoclonal antibody raised against a partial recombinant KREMEN1.                                              |
| <b>Immunogen</b>           | KREMEN1 (NP_114434, 310 a.a. ~ 391 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Sequence</b>            | INQAQGFAVLYQAVKEELPQERPAVNQTVAEVITEQANLSVSAARSSKVLVITTSPSHPPQTVPG<br>SNSWAPPMGAGSHRVE                                |
| <b>Host</b>                | Mouse                                                                                                                |
| <b>Reactivity</b>          | Human                                                                                                                |

|                               |                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------|
| Interspecies Antigen Sequence | Mouse (88); Rat (85)                                                                                     |
| 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KREMEN1 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — KREMEN1

|                     |                                            |
|---------------------|--------------------------------------------|
| Entrez GeneID       | <a href="#">83999</a>                      |
| GeneBank Accession# | <a href="#">NM_032045</a>                  |
| Protein Accession#  | <a href="#">NP_114434</a>                  |
| Gene Name           | KREMEN1                                    |
| Gene Alias          | FLJ31863, KREMEM1, KREMEN, KRM1            |
| Gene Description    | kringle containing transmembrane protein 1 |
| Omim ID             | <a href="#">609898</a>                     |
| Gene Ontology       | <a href="#">Hyperlink</a>                  |

**Gene Summary**

This gene encodes a high-affinity dickkopf homolog 1 (DKK1) transmembrane receptor that functionally cooperates with DKK1 to block wingless (WNT)/beta-catenin signaling. The encoded protein is a component of a membrane complex that modulates canonical WNT signaling through lipoprotein receptor-related protein 6 (LRP6). It contains extracellular kringle, WSC, and CUB domains. Alternatively spliced transcript variants encoding distinct isoforms have been observed for this gene. [provided by RefSeq]

**Other Designations**

OTTHUMP00000028977|kringle-coding gene marking the eye and the nose|kringle-containing transmembrane protein 1

**Disease**

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)