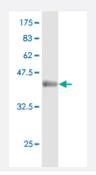


GREM1 monoclonal antibody (M01), clone 4D8

Catalog # H00026585-M01 Size 100 ug

Applications



Western Blot detection against Immunogen (37.84 KDa) .

Specification	
Product Description	Mouse monoclonal antibody raised against a partial recombinant GREM1.
Immunogen	GREM1 (NP_037504, 75 a.a. ~ 184 a.a) partial recombinant protein with GST tag. MW of the GST t ag alone is 26 KDa.
Sequence	ESSQEALHVTERKYLKRDWCKTQPLKQTIHEEGCNSRTIINRFCYGQCNSFYIPRHIRKEEGSFQSC SFCKPKKFTTMMVTLNCPELQPPTKKKRVTRVKQCRCISIDLD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (98)
Isotype	lgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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)
 <u>Protocol Download</u>
- ELISA

Gene Info — GREM1

Entrez GenelD	26585
GeneBank Accession#	<u>NM_013372</u>
Protein Accession#	<u>NP_037504</u>
Gene Name	GREM1
Gene Alias	CKTSF1B1, DAND2, DRM, GREMLIN, IHG-2, MGC126660, PIG2
Gene Description	gremlin 1, cysteine knot superfamily, homolog (Xenopus laevis)
Omim ID	<u>603054</u>
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the BMP (bone morphogenic protein) antagonist family. Like BM
Gene Summary	Ps, BMP antagonists contain cystine knots and typically form homo- and heterodimers. The CAN (cerberus and dan) subfamily of BMP antagonists, to which this gene belongs, is characterized by a C-terminal cystine knot with an eight-membered ring. The antagonistic effect of the secreted gly cosylated protein encoded by this gene is likely due to its direct binding to BMP proteins. As an a ntagonist of BMP, this gene may play a role in regulating organogenesis, body patterning, and tis sue differentiation. In mouse, this protein has been shown to relay the sonic hedgehog (SHH) sign al from the polarizing region to the apical ectodermal ridge during limb bud outgrowth. [provided by RefSeq

Disease

Breast cancer

😵 Abnova

- Breast Neoplasms
- <u>Colorectal Neoplasms</u>
- Diabetic Nephropathies
- Genetic Predisposition to Disease