Anti-Human GREM1 Therapeutic Antibody
Cat. No: TAB-007CT

PRODUCT INFORMATION

Product Overview
Recombinant monoclonal antibody to GREM1. This antibody intended for the prophylaxis and treatment of Fibrosis of the liver, lungs or kidney.

Host
Human

Specificity
Human

Target
GREM1

Immunogen
Human GREM1 aa25-184

Species Reactivity
Human

Expression Host
CHO

Applications
Used for immunoassay techniques such as: Enzyme-linked Immunosorbert Assay; Neutralization

Related Disease
Fibrosis of the liver, lungs or kidney.

ANTIGEN INFORMATION

Introduction
This gene encodes a member of the BMP (bone morphogenic protein) antagonist family. Like BMPs, 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 glycosylated protein encoded by this gene is likely due to its direct binding to BMP proteins. As an antagonist of BMP, this gene may play a role in regulating organogenesis, body patterning, and tissue differentiation. In mouse, this protein has been shown to relay the sonic hedgehog (SHH) signal from the polarizing region to the apical ectodermal ridge during limb bud outgrowth. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Alternative Names
GREM1; gremlin 1; DAN family BMP antagonist; DRM; HMPS; MPSH; PIG2; CRAC1; CRC54; DAND2; HMPS1; IHG-2; DUP15q; C15DUPq; GREMLIN; CKTSF1B1; gremlin-1; gremlin 1-like protein; DAN domain family member 2; increased in high glucose-2; colorectal adenoma and carcinoma 1; cell proliferation-inducing gene 2 protein; cysteine knot superfamily 1; BMP antagonist 1; gremlin 1; cysteine knot superfamily; homolog; down-regulated in Mos-transformed cells protein

Gene ID
26585

UniProt ID
B3KTR9

RELATED PRODUCTS

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<tr>
<th>Cat #</th>
<th>Description</th>
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<td>Recombinant Human Anti-GREM1 Antibody (H4H624SP)</td>
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<tr>
<td>MOB-1413MZ</td>
<td>Recombinant Mouse Anti-Human GREM1 Antibody</td>
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