



## Mouse ANGPT2 blocking peptide (CDBP0397)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Product Overview</b>	Angiopoietin 2 peptide (Mouse)
<b>Antigen Description</b>	The protein encoded by this gene is an antagonist of angiopoietin 1 (ANGPT1) and endothelial TEK tyrosine kinase (TIE-2, TEK). The encoded protein disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
<b>Species</b>	Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Format</b>	Liquid
<b>Concentration</b>	1 mg/ml
<b>Size</b>	50 µg
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Preservative</b>	0.01% Sodium Azide
<b>Storage</b>	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid freeze-thaw cycles.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">ANGPT2 angiopoietin 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ANGPT2

<b>Synonyms</b>	ANGPT2; angiopoietin 2; ANG2; AGPT2; angiopoietin-2; ANG-2; Tie2-ligand; angiopoietin-2B; angiopoietin-2a;
<b>Entrez Gene ID</b>	<a href="#">285</a>
<b>mRNA Refseq</b>	<a href="#">NM_001118887.1</a>
<b>Protein Refseq</b>	<a href="#">NP_001112359.1</a>
<b>UniProt ID</b>	O15123
<b>Chromosome Location</b>	8p23.1
<b>Pathway</b>	Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; HIF-1 signaling pathway, organism-specific biosystem; Hemostasis, organism-specific biosystem; PI3K-Akt signaling pathway, organism-specific biosystem; PI3K-Akt signaling pathway, conserved biosystem; Rap1 signaling pathway, organism-specific biosystem; Rap1 signaling pathway, conserved biosystem; Ras signaling pathway, organism-specific biosyst
<b>Function</b>	metal ion binding; protein binding; receptor binding; receptor tyrosine kinase binding;