



Mouse ANGPT2 blocking peptide (CDBP0397)

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

PRODUCT INFORMATION

Product Overview	Angiopoietin 2 peptide (Mouse)
Antigen Description	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]
Species	Mouse
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	1 mg/ml
Size	50 µg
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative	0.01% Sodium Azide
Storage	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid freeze-thaw cycles.

GENE INFORMATION

Gene Name	ANGPT2 angiopoietin 2 [Homo sapiens (human)]
Official Symbol	ANGPT2

Synonyms	ANGPT2; angiopoietin 2; ANG2; AGPT2; angiopoietin-2; ANG-2; Tie2-ligand; angiopoietin-2B; angiopoietin-2a;
Entrez Gene ID	285
mRNA Refseq	NM_001118887.1
Protein Refseq	NP_001112359.1
UniProt ID	O15123
Chromosome Location	8p23.1
Pathway	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
Function	metal ion binding; protein binding; receptor binding; receptor tyrosine kinase binding;