



Mouse ANGPT2 peptide (DAG-P0166)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is an antagonist of angiotensin 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]
Conjugate	Unconjugated
Sequence Similarities	Contains 1 fibrinogen C-terminal domain.
Format	Liquid
Buffer	PBS with 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. PBS with 0.02% sodium azide

GENE INFORMATION

Gene Name	ANGPT2 angiotensin 2 [Homo sapiens (human)]
Official Symbol	ANGPT2
Synonyms	ANGPT2; angiotensin 2; ANG2; AGPT2; angiotensin-2; ANG-2; Tie2-ligand; angiotensin-2B; angiotensin-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;