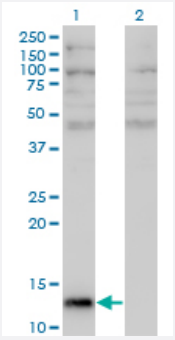
ANG monoclonal antibody (M05), clone 2A7

Catalog # H00000283-M05 Size 100 ug

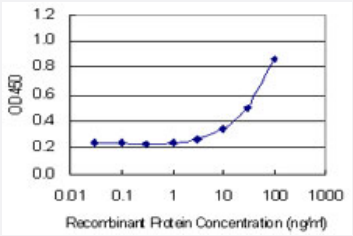
Applications



Western Blot (Transfected lysate)

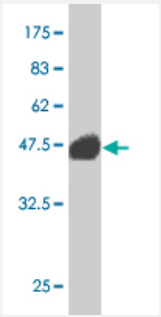
Western Blot analysis of ANG expression in transfected 293T cell line by ANG monoclonal antibody (M05), clone 2A7.

Lane 1: ANG transfected lysate(16.6 KDa).
Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ANG is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (39.27 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant ANG.

Immunogen	ANG (AAH54880, 25 a.a. ~ 147 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	QDNSRYTHFLTQHYDAKPQGRDDRYCESIMRRRGLTSPCKDINTFIHGNKRSIKAICENKNGNPHR ENLRISKSSFQVTTCKLHGGSPWPPCQYRATAGFRNVVVACENGLPVHLDQSIFRRP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (74)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (39.27 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 (Transfected lysate)

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  Lane 2: Non-transfected lysate.

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged ANG is 1 ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — ANG

Entrez GeneID	283
GeneBank Accession#	BC054880
Protein Accession#	AAH54880
Gene Name	ANG
Gene Alias	ALS9, HEL168, MGC22466, MGC71966, RNASE4, RNASE5
Gene Description	angiogenin, ribonuclease, RNase A family, 5
Omim ID	105400 105850
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an exceedingly potent mediator of new blood vessel formation. It hydrolyzes cellular tRNAs resulting in decreased protein synthesis and is similar to pancreatic ribonuclease. Alternative splicing results in two transcript variants encoding the same protein. This gene and the gene that encodes ribonuclease, RNase A family, 4 share promoters and 5' exons. Each gene splices to a unique downstream exon that contains its complete coding region. [provided by RefSeq
Other Designations	OTTHUMP00000164020|OTTHUMP00000164021|epididymis luminal protein 168

Disease

- Amyotrophic lateral sclerosis
- Anoxia
- Chorioamnionitis
- Disease Susceptibility
- Fetal Membranes
- Genetic Predisposition to Disease
- Hypertension
- Hypertrophy
- Obstetric Labor
- Pre-Eclampsia

- Premature Birth