

## Mouse ANG2 Antibody Pair Set

**Catalog No.** E-KAB-0593  
**Synonyms** ANGPT2;AGPT2

**Applications** ELISA

### Kit components & Storage

Title	Specifications	Storage
Mouse ANG2 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Mouse ANG2 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

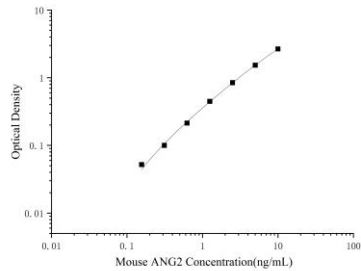
### Product Information

Items		Characteristic (E-KAB-0593)	
		Mouse ANG2 Capture Antibody	Mouse ANG2 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse ANG2 protien	Recombinant Mouse ANG2 protien
	Swissprot	O35608	
Product details	Reactivity	Mouse	Mouse
	Host	Sheep	Sheep
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Mouse ANG2 in ELISAs.	

### For Research Use Only

## Applications

### Mouse ANG2 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Mouse ANG2 Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse ANG2 Detection Antibody (Biotin)	

**Note:** This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

## Background

Binds to TEK/TIE2 , competing for the ANGPT1 binding site , and modulating ANGPT1 signaling.Can induce tyrosine phosphorylation of TEK/TIE2 in the absence of ANGPT1.In the absence of angiogenic inducers , such as VEGF , ANGPT2-mediated loosening of cell-matrix contacts may induce endothelial cell apoptosis with consequent vascular regression.In concert with VEGF , it may facilitate endothelial cell migration and proliferation , thus serving as a permissive angiogenic signal .Involved in the regulation of lymphangiogenesis.

## For Research Use Only