

## Anti-ANGPT1 antibody (Internal) (STJ72337)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/WB-Trf/IF/FC
Host / Source	Goat
Reactivity	Human/Mouse/Rat/Dog/Cow/Pig

### PRODUCT PROPERTIES

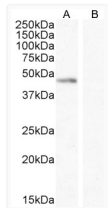
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:32000. WB: In transfected HEK293 transiently expressing full-length Human ANGPT1 (myc and DYKDDDDK tagged), a band of approx. 48kDa was observed. No bands were observed in mock-transfected HEK293
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

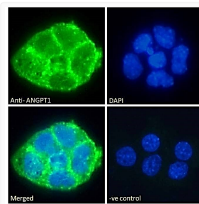
Gene ID	<a href="#">284</a>
Gene Symbol	<a href="#">ANGPT1</a>
UniProt ID	<a href="#">ANGP1_HUMAN</a>
Immunogen Region	Internal
Immunogen Sequence	PDFSSQKLQH

### ADDITIONAL INFORMATION

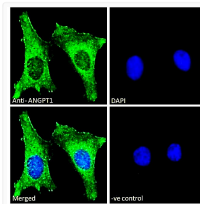
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



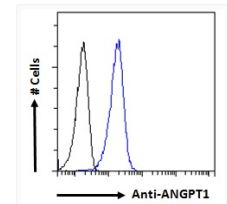
STJ72337 (0.1 µg/ml) staining of K562 cell lysate (A) + peptide (B) (35 µg protein in RIPA buffer). Detected by chemiluminescence.



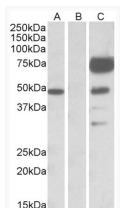
STJ72337 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing plasma membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



STJ72337 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing plasma membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



STJ72337 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (1 µg/ml). IgG control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody.



HEK293 lysate (10 µg protein in RIPA buffer) overexpressing Human ANGPT1 with DYKDDDDK tag probed with STJ72337 (1 µg/ml) in Lane A and probed with anti-DYKDDDDK Tag (1/1000) in lane C. Mock-transfected HEK293 probed with STJ72337 (1 mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.