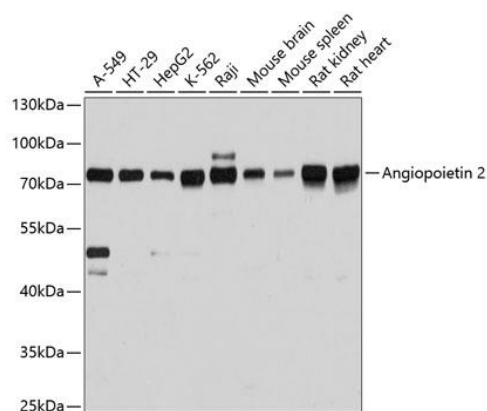
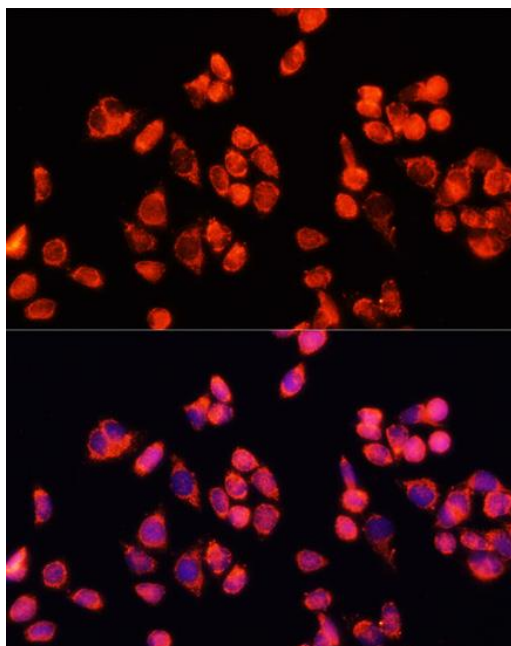


Product name:	Angiopoietin 2
Cat number:	AB-90002
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 197-496 of human Angiopoietin
Reactivity:	Hu, Rt, Ms
Applications:	Western Blot: 1:500 - 1:2000 Immunofluorescence: 1:50 - 1:200
Molecular Weight:	75kDa
Purification:	Aff. Pur.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	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.



Western blot analysis of extracts of various cell lines, using Angiopoietin 2 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti- Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 5s.



Immunofluorescence analysis of HeLa cells using Angiopoietin 2 antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.