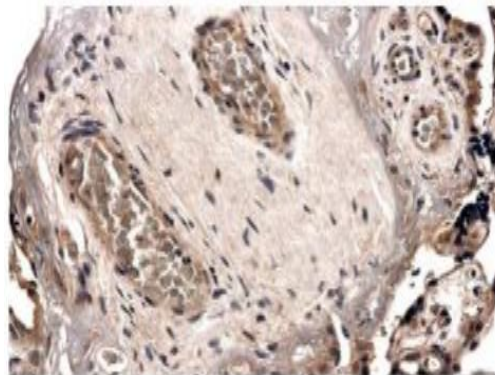


ANGPT2

Mouse Anti-Human Angiopoietin-2 (Clone 1F29) mAb

Catalog No.	CMA105	Quantity:	100 µg
Alternate Names:	Angiopoietin-2, ANG-2		
Description:	Mouse Monoclonal Antibody against Human Angiopoietin 2 is produced in tissue culture originally from a mouse myeloma fused with spleen cells from a mouse. Angiopoietin 2 (ANGPT2) is an antagonist of Angiopoietin 1 (ANGPT1) and endothelial TEK tyrosine kinase (TIE-2, TEK). Angiopoietin 2 disrupts the vascular remodeling ability of Angiopoietin 1 and may induce endothelial cell apoptosis.		
UniProt ID:	O15123		
Specificity:	Human Angiopoietin 2		
Immunogen:	Recombinant Human Angiopoietin 2		
Isotype:	Mouse IgG2		
Clone:	1F29		
Formulation:	Lyophilized from a 0.2 µm sterile filtered solution in PBS		
Purification:	Protein G affinity chromatography from tissue culture supernatant.		
Reconstitution:	Centrifuge vial prior to opening. Add 200 µl sterile PBS to the vial to fully solubilize the antibody at a final concentration of 500 µg/ml.		
Cross-Reactivity:	No cross-reactivity with human angiopoietin-1 Reactivity to angiopoietin-2 of other species has not been tested.		
Applications:	Western blot: suggested dilution 1:500 - 1:1,000 IHC: suggested dilution 1:100 - 1:200.		
Storage & Stability:	Store lyophilized antibody at -20°C to -80°C for at least 1 year. Reconstituted antibody is stable for at least 6 months in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles. Formalin fixed and paraffin embedded normal human placenta tissue with CMA105		



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