

ANGPT2

Mouse Anti-Human Angiopoietin 2 mAb

Catalog No.	CMA105	Quantity:	100 µg
Alternate Names:	ANG2, Angiopoietin-2b, Angiopoietin-2a, Tie2-Ligand		
Description:	<p>Mouse Monoclonal Antibody against Human Angiopoietin 2.</p> <p>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.</p>		
Gene ID:	285		
Specificity:	Human Angiopoietin 2		
Host:	Mouse		
Immunogen:	Recombinant Human Angiopoietin 2		
Isotype:	IgG2		
Formulation:	Lyophilized from a 0.2 µm sterile filtered solution in PBS		
Purification:	Protein G affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add 1000 µl sterile PBS to the vial to fully solubilize the antibody at a final concentration of 200 µg/ml.		
Cross-Reactivity:	No cross-reactivity with Human ANGPT1. Reactivity to ANGPT2 of other species is not tested.		
Applications:	Western blot: working dilution 1:500 - 1:1,000. Immunohistochemistry (formalin fixed, paraffin sections): working dilution 1:100 - 1:200. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store lyophilized antibody below -20°C. Stable for up to two years. Reconstituted antibody is stable for at least 6 months in working aliquots below -20°C. Avoid repeated freeze-thaw cycles.		

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