

ANGPT2

Mouse Anti-Human Angiopoietin-2 (Clone B-C57) mAb, Azide Free

Catalog No.	CDM479A CDM479B	Quantity:	200 µg 500 µg
Alternate Names:	Ang-2		
Description:	Angiopoietin-2 (Ang-2) is a key regulator of angiogenesis, exerting context-dependent effects on endothelial cells (ECs). Ang-2 binds the endothelial-specific receptor tyrosine kinase 2 (Tie2) and acts as a negative regulator of Ang-1/Tie2 signaling during angiogenesis, thereby controlling the responsiveness of ECs to exogenous cytokines. Recent data from tumors indicate that under certain conditions Ang-2 can also promote angiogenesis. Human and mouse Ang-2 share 85% amino acid (aa) identity and Ang-2 is approximately 60% identical to its homolog, Ang-1. Ang-2 contains an N-terminal coiled-coil domain, 58-254 amino acids and a C-terminal fibrinogen-like domain, 281-467 aa.		
UniProt ID:	O15123		
Gene ID:	285		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c node cells		
Specificity:	Recognizes both native and recombinant human Ang-2		
Host:	Mouse		
Immunogen:	Recombinant human Angiopoietin-2		
Isotype:	IgG _{2b} K		
Clone:	B-C57		
Formulation:	Sterile-filtered PBS. Carrier and preservative free		
Concentration:	1 mg/mL		
Applications:	ELISA		
Storage & Stability:	Stable at 2-8°C for 12 months. For longer storage, freeze aliquots and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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