

ANGPT2

Mouse Anti-Human Ang-2 (Clone B-G60) mAb, Azide Free

Catalog No.	CDM081A	Quantity:	200 µg
	CDM081B		500 µg

Alternate Names: Angiopoietin-2, ANGPT2

Description: Angiopoietins are the ligands of Tie-2 receptor, which is a vascular assembly and maturation-mediating receptor tyrosine kinase that controls blood vessel development. In humans, there are four identified angiopoietins, Ang-1, Ang-2, Ang-3 and Ang-4. They bind the first Ig-like loop plus the EGF-like repeats of Tie-2 whereby they activate Tie-2 and, indirectly, Tie-1 in Tie-1/Tie-2 heterodimers. Angiopoietin-2 is a partial agonist/antagonist of Tie-2 signaling in the endothelium. It plays an important role in angiogenesis during the development and growth of human cancers. It also plays a part in inflammation-induced vascular remodeling.

UniProtKB: O15123

Gene ID: 285

Specificity: Recognizes native and recombinant human Angiopoietin-2.

Hybridoma: Myeloma X63/AG.8653 x Balb/c node cells

Isotype: Mouse IgG1_k

Immunogen: Recombinant human Angiopoietin-2

Clone: B-G60

Concentration: 1.0 mg/ml

Formulation: Liquid in PBS. Sterile filtered, 0.22µm, carrier and preservative free.

Applications: ELISA

Storage & Stability: Store at 2-8°C for up to 12 months, as supplied. It is recommended to prepare working aliquots and store at -20°C to -80°C.

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