



Recombinant Mouse Anti-Human Angiopoietin-2 Antibody (DrMAB-172)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant Anti-Angiopoietin-2 Antibody inhibits the binding of Human angiopoietin-2 to Human Tie-2. Recombinant Mouse Anti-Human Angiopoietin-2 Antibody is composed of Human variable regions (VH and VL) (λ-chain) of immunoglobulin fused to the Mouse
Antigen Description	ANGPT2 is an antagonist of angiopoietin 1 (ANGPT1) and endothelial TEK tyrosine kinase (TIE-2, TEK). The 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.
Specificity	Recognizes Human and Mouse angiopoietin-2. Does not detect Human angiopoietin-1.
Target	ANGPT2
Immunogen	Recombinant Human angiopoietin-2.
Source/Host	Mouse
Antibody Isotype	Mouse IgG2b lambda
Application	, ELISA,
Concentration	1mg/ml
Buffer	Liquid. In PBS containing 10% glycerol and 0.02% sodium azide.
Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.
Gene Name	ANGPT2 angiopoietin 2 [Homo sapiens]

Entrez Gene ID	285
Function	metal ion binding; protein binding; receptor binding; receptor tyrosine kinase binding;
Synonyms	ANGPT2; angiopoietin 2; angiopoietin-2; Ang2; ANG-2; Tie2-ligand; angiopoietin-2B; angiopoietin-2a; ANG2; AGPT2;