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Datasheet for ABIN7127339 Recombinant anti-Angiopoietin 2 antibody

2 Images



Overview

Quantity:	100 μL
Target:	Angiopoietin 2 (ANGPT2)
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Angiopoietin 2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human Angiopoietin 2
Clone:	1F10
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	Affinity-chromatography

Target Details

Target:	Angiopoietin 2 (ANGPT2)
Alternative Name:	ANGPT2 (ANGPT2 Products)
Background:	Background: Binds to TEK/TIE2, competing for the ANGPT1 binding site, and modulating

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Target Details

	ANGPT1 signaling. Can induce tyrosine phosphorylation of TEK/TIE2 in the absence of
	ANGPT1. In the absence of angiogenic inducers, such as VEGF, ANGPT2-mediated loosening of
	cell-matrix contacts may induce endothelial cell apoptosis with consequent vascular
	regression. In concert with VEGF, it may facilitate endothelial cell migration and proliferation,
	thus serving as a permissive angiogenic signal.
	Aliases: Angiopoietin-2 (ANG-2), ANGPT2
UniProt:	015123
Pathways:	RTK Signaling
Application Details	
Application Notes:	Recommended dilution: IHC:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %
	glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

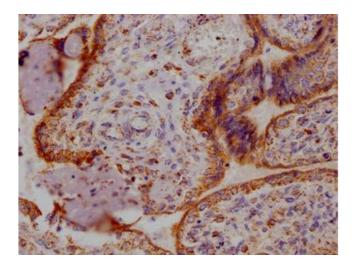
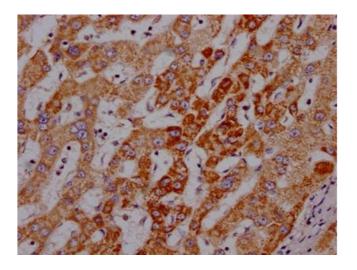




Image 1. IHC image of ABIN7127339 diluted at 1:100 and staining in paraffin-embedded human placenta tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05 % DAB.

Immunohistochemistry

Image 2. IHC image of ABIN7127339 diluted at 1:100 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05 % DAB.



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