

## Angiopoietin 2 (ANGPT2) Antibody (Biotin)

Catalogue No.: abx105138

Angiopoietin 2 Antibody (Biotin) is a Rabbit Polyclonal antibody against Angiopoietin 2 conjugated to Biotin. Angiopoietin 2 binds to TEK/TIE2, competing for the ANGPT1 binding site, and modulating ANGPT1 signaling. It 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.

<b>Target:</b>	Angiopoietin 2 (ANGPT2)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Mouse
<b>Tested Applications:</b>	ELISA
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Biotin
<b>Immunogen:</b>	Recombinant mouse Angiopoietin-2 protein (19-483AA).
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purity:</b>	> 95%
<b>Purification:</b>	Purified by Protein G.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid exposure to light. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	O35608 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	ANGPT2
<b>GeneID:</b>	<a href="#">11601</a>
<b>KEGG:</b>	mmu:11601

# Datasheet

Version: 2.0.0

Revision date: 20 Mar 2025



**String:** [10090.ENSMUSP00000033846](#)

**Buffer:** 0.01 M PBS, pH 7.4, 0.03% Proclin-300 and 50% Glycerol.

**Concentration:** 0.25 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only