

# Angiopoietin 2 antibody [Angy-1-4]

**Cat. No. GTX33914**

<b>Host</b>	Human
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2
<b>Applications</b>	ELISA, Neutralizing/Inhibition
<b>Reactivity</b>	Human

**Package**  
100 µg

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
ELISA	Assay dependent
Neutralizing/Inhibition	Assay dependent

**Note : Inhibits the binding of human angiopoietin-2 to human Tie-2. ND50\* = 600-800ng/ml (for 10ng/ml of Angiopoietin-2)**

**\*ND50: 50% neutralizing dose of antibody for a given concentration of ligand (here human Angiopoietin-2).**

Not tested in other applications.

**Product Note** Recognizes human angiopoietin-2. Does not recognize mouse angiopoietin-2 and human angiopoietin-1.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 10% Glycerol
<b>Preservative</b>	0.02% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant human angiopoietin-2.
<b>Purification</b>	Protein A-affinity purified.
<b>Purity</b>	??95% by SDS-PAGE.
<b>Conjugation</b>	Unconjugated



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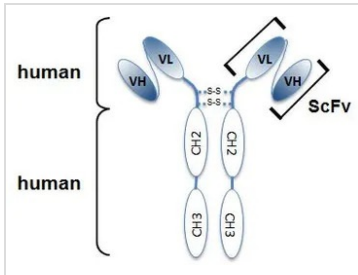
Date 2026 / 01 / 11 Page 1 of 2

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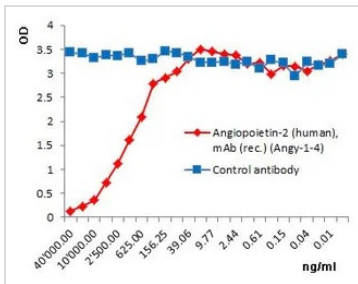
**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES



**GTX333914 Image**



**GTX333914 ELISA Image**

Binding of human Angiopoietin-2 to Tie-2 (human): Fc is inhibited by the antibody anti-Angiopoietin-2 (human), mAb (rec.) (blocking) (Angy-1-4). Methods: Tie-2 (human):Fc was coated on an ELISA plate at 1µg/ml. anti-Angiopoietin-2 (human), mAb (rec.) (blocking), (Angy-1-4) or an unrelated mAb (recombinant) (Control) were added (starting at 40µg/ml with a twofold serial dilution) together with 200ng/µl of Angiopoietin-2 (human). After incubation for 1h at RT, the binding was detected using an anti-FLAG antibody (HRP).



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