

## Angiopoietin 2 antibody [Angy-2-1]

## Cat. No. GTX33916

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	ELISA, Neutralizing/Inhibition
Reactivity	Human, Mouse

References ( 3 )

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 mouse angiopoietin-2 to mouse Tie-2. ND50\* = 50-60ng/ml (for 10ng/ml of mouse Angiopoietin-2)**

**Inhibits the binding of human angiopoietin-2 to human Tie-2. ND50\* = 8-12ng/ml (for 10ng/ml of human Angiopoietin-2)**

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

Not tested in other applications.

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

## Properties

Form	Liquid
Buffer	PBS, 10% Glycerol
Preservative	0.02% Sodium azide
Storage	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.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant human angiopoietin-2.
Purification	Protein A-affinity purified.
Purity	??95% by SDS-PAGE.
Conjugation	Unconjugated



For full product information, images and publications, please visit our [website](#).

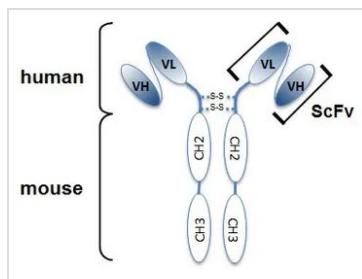
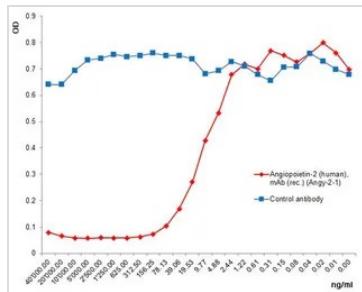
Date 2026 / 01 / 30 Page 1 of 2

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**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

**GTx33916 Image****GTx33916 ELISA Image**

Binding of human Angiopoietin-2 to Tie-2 (human):Fc is inhibited by the antibody anti-Angiopoietin-2, mAb (rec.) (blocking) (Angy-2-1). Methods: Tie-2 (h):Fc was coated on an ELISA plate at 1 $\mu$ g/ml. anti-Angiopoietin-2, mAb (rec.) (blocking) (Angy-2-1) or an unrelated mAb (recombinant) (Control) were added (starting at 40 $\mu$ g/ml with a twofold serial dilution) together with 20ng/ $\mu$ l of Angiopoietin-2 (human). After incubation for 1h at RT, the binding was detected using an anti-FLAG antibody (HRP).



For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 30 Page 2 of 2