

Angiopoietin 2 antibody [Angy-1-4]

Cat. No. GTX33914

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

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



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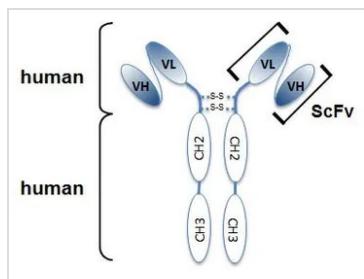
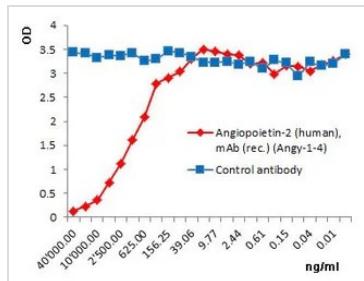
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Note

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

**GTX33914 Image****GTX33914 ELISA Image**

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



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