

Angiotensin 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 angiotensin-2 to human Tie-2. ND50* = 600-800ng/ml (for 10ng/ml of Angiotensin-2)
*ND50: 50% neutralizing dose of antibody for a given concentration of ligand (here human Angiotensin-2).**

Not tested in other applications.

Product Note Recognizes human angiotensin-2. Does not recognize mouse angiotensin-2 and human angiotensin-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 angiotensin-2.
Purification	Protein A-affinity purified.
Purity	≥95% by SDS-PAGE.
Conjugation	Unconjugated



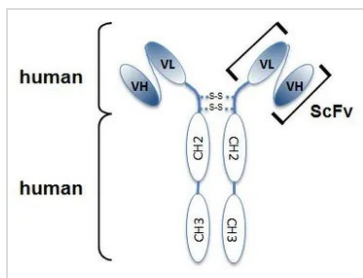
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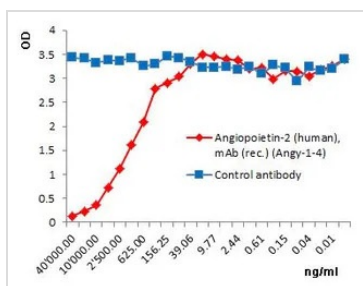
Note

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.) (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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