

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



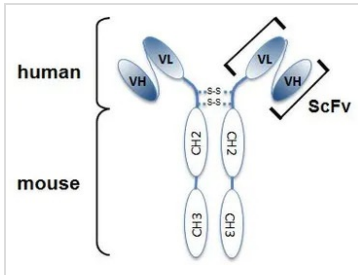
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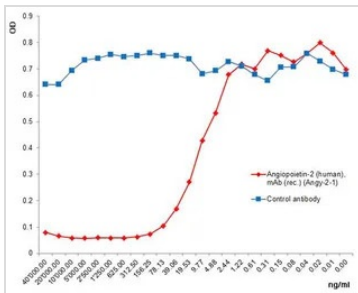
Note

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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 1µg/ml. anti-Angiopoietin-2, mAb (rec.) (blocking) (Angy-2-1) or an unrelated mAb (recombinant) (Control) were added (starting at 40µg/ml with a twofold serial dilution) together with 20ng/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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