

Human Activin C βC subunit Antibody

Antigen Affinity-purified Polyclonal Goat IgG Catalog Number: AF1629

DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human Activin C βC subunit in direct ELISAs.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	E. coli-derived recombinant human Activin C Gly237-Ser352 Accession # P55103
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

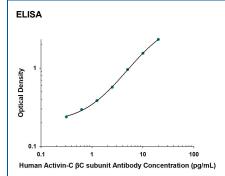
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

ELISA

This antibody functions as an ELISA detection antibody when paired with Mouse Anti-Human Activin C βC subunit Monoclonal Antibody (Catalog # MAB1629).

This product is intended for assay development on various assay platforms requiring antibody pairs.

DATA



Human Activin C ELISA Standard Curve. Recombinant Human Activin C protein was serially diluted 2-fold and captured by Mouse Anti-Human Activin C BC subunit Monoclonal Antibody (Catalog # MAB1629) coated on a Clear Polystyrene Microplate (Catalog # DY990). Goat Anti-Human Activin C βC subunit Antigen Affinity-purified Polyclonal Antibody (Catalog # AF1629) was biotinylated and incubated with the protein captured on the plate. Detection of the standard curve was achieved by incubating Streptavidin-HRP (Catalog # DY998) followed by Substrate Solution (Catalog # DY999) and stopping the enzymatic reaction with Stop Solution (Catalog #

PREPARATION AND STORAGE

Reconstitution Reconstitute at 0.2 mg/mL in sterile PBS.

Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 $^{\circ}\text{C}$

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Activins are dimers consisting of two beta subunits. Several types of beta subunits have been described. These beta subunits can also heterodimerize with a constant alpha subunit to form Inhibins. The β_C subunit homodimerizes to form Activin C and has also been reported to heterodimerize with the β_A subunit.

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