

Datasheet for ABIN465439

anti-IL12 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	IL12
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IL12 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Neutralization (Neut)

Product Details

Immunogen:	CHO cell derived recombinant Human IL-12.
	Type of Immunogen: Cell extract
Specificity:	Human IL-12
Purification:	Immunoaffinity purified

Target Details

Target:	IL12
Alternative Name:	IL12 / IL-12 (IL12 Products)
Background:	Name/Gene ID: IL-12
	Synonyms: IL-12

Target Details

Pathways: [JAK-STAT Signaling](#), [TLR Signaling](#), [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Activated T Cell Proliferation](#), [Cancer Immune Checkpoints](#), [Inflammasome](#)

Application Details

Application Notes: Approved: ELISA (0.5 - 2 µg/mL), Neut (0.01 - 0.02 µg/mL), WB

Usage: Neutralization: To yield one-half maximal inhibition [ND] of the biological activity of hIL-12 (0.3 ng/mL), a concentration of 0.12-0.2 µg/mL of this antibody is required. ELISA: To detect hIL-12 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5-2 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human IL-12 (LS-C104425) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hIL-12. Western Blot: To detect hIL-12 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-12 is 1.5-3 ng/lane, under either reducing or non-reducing conditions.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Sterile water

Concentration: Lot specific

Buffer: Lyophilized from PBS, pH 7.2

Handling Advice: Avoid freeze/thaw cycles.

Storage: 4 °C, -20 °C

Storage Comment: Store Lyophilized at room temperature up to 1 month
Reconstituted for up to 2 weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage.
Avoid freeze/thaw cycles.

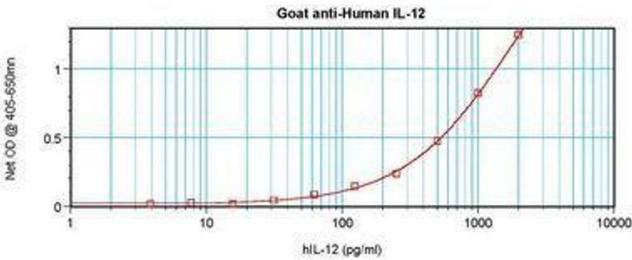


Image 1.