
Product Datasheet

IL1B Antibody (Biotin) (orb1671473)

Description

IL1B Antibody (Biotin)

Species/Host

Goat

Reactivity

Human

Conjugation

Biotin

Tested

ELISA, WB

Applications
Immunogen

Produced from sera of Goats pre-immunized with highly pure (>98%) recombinant hIL-1 beta. Anti-HumanIL-1beta specific antibody was purified by affinity chromatography and then biotinylated.

Target

IL1B

Form/Appearance

Lyophilized

Concentration

batch dependent

Storage

Antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. Avoid repeated freeze-thaw cycles.

Note

For research use only

Application notes

Sandwich ELISA: To detect hIL-1 beta by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25 - 1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with Biorbyt's Polyclonal Anti-Human IL-1 beta as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-1 beta. Western Blot To detect hIL-1 beta by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 ug/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-1 beta is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Clonality

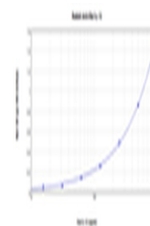
Polyclonal

Uniprot ID
[P01584](#)
NCBI
[P01584](#)
Expiration Date

12 months from date of receipt.



To detect hIL-1 beta by sandwich ELISA (...)



To detect hIL-1beta by Western Blot anal...