Anti-Human IL-6, bt

Anti-Human IL-6, biotinylated. Antigen Affinity Purified Polyclonal Antibody.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
25 µg	1525.855.025		
50 µg	1525.855.050		
1 mg	1525.855.199		

Please enquire for bulk quantities and other vial sizes

Description

Anti-human IL-6 specific antibody was produced from sera of goats pre-immunized with highly pure (>98%) recombinant human Interleukin-6 (hIL-6). Anti-hIL-6 specific antibody was purified by affinity chromatography employing immobilized hIL-6 matrix and then biotinylated.

- **Host species** Goat
- **Antigen** Recombinant human IL-6
- **Isotype** Goat IgG
- **Buffer** PBS (pH 7.2)*
- **Physical state** Lyophilized

Reconstitution

We recommend a quick spin followed by reconstitution in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.

Stability

The lyophilized antibody is stable at room temperature for at least one month and for at least 3 years from the date of receipt when kept at < –20°C. Reconstituted antibody is stable for at least two weeks at 2-4°C. Frozen aliquots are stable for at least 6 months when stored at –20°C.

ELISA

Direct: To detect hIL-6 by direct ELISA (using 100µl/well) a concentration of 0,25-1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with polyconal anti human IL-6, 1525.853.xyz) allows the detection of at least 2 4 ng/well. Of recombinant human IL-6.
Sandwich ELISA: To detect hIL-6 by sandwich ELISA (using 100µl/well) a concentration of approximately 1µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 2-4ng/well of recombinant hIL-6.

Western Blot

To detect hIL-6 by Western Blot analysis this antibody can be used at a concentration of about 1.0 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-6 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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