

Biotin anti-mouse/human NGF

Catalog # / Size: 509801 / 50 µg
509802 / 500 µg

Clone: JKhNGF-2

Isotype: Mouse IgG1, κ

Immunogen: recombinant human NGF (c-terminus)

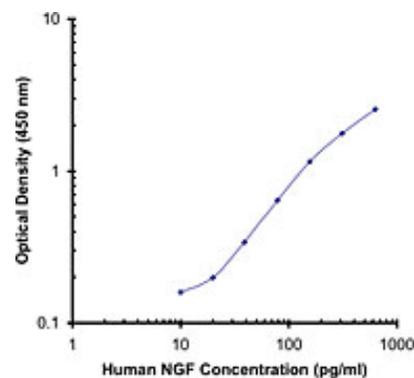
Reactivity: Mouse, Human, 2.5S, 7S, and β-NGF forms **Cross-Reactivity***: Cattle (Bovine, Cow), Viper

Preparation: The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C. **Do not freeze.**



Applications:

Applications: ELISA Detection

Recommended Usage: Each lot of this antibody is quality control tested by ELISA assay. For use as an ELISA detection antibody, a concentration range of 1 - 3 µg/ml is recommended. It is recommended that the reagent be titrated for optimal performance for each application. Additionally, BioLegend recommends the usage of Tris-Buffered Saline (TBS), pH = 7.2 for all washes and incubations, except substrate buffer. **Do not use PBS as results may vary dramatically.**

Application Notes: **ELISA Detection (mouse):** The biotinylated JKhNGF-2 antibody is useful as the detecting antibody in a sandwich ELISA assay, when used in conjunction with the purified JKmNGF-1 antibody (Cat. No. 509702) as the capture antibody for detecting mouse NGF.
ELISA Detection (human): The biotinylated JKhNGF-2 antibody is useful as the detecting antibody in a sandwich ELISA assay, when used in conjunction with the purified JKhNGF-1 antibody (Cat. No. 509602) as the capture antibody for detecting human NGF.

Antigen References: 1. Fitzgerald K, *et al.* Eds. 2001. The Cytokine FactsBook. Academic Press San Diego.
2. Levi A, *et al.* 1991. *Annu. Rev. Pharmacol. Toxicol.* 31:205.
3. Varon S, *et al.* 1991. *Adv. Exp. Med. Biol.* 296:267.
4. Micera A, *et al.* 2003. *Cytokine Growth Factor Rev.* 14:369.

| Related Products: | Product | Clone | Application |
|-------------------|-------------------------------|----------|-------------------------|
| | HRP Avidin | Avidin | ELISA, ELISPOT, IHC, WB |
| | TMB Substrate Reagent Set | | ELISA |
| | ELISA Assay Diluent (5X) | | ELISA |
| | Purified anti-mouse/human NGF | JKmNGF-1 | ELISA Capture |



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