

# Product Data Sheet

## Purified anti-mouse/human NGF

**Catalog # / Size:** 509701 / 50 µg  
509702 / 500 µg

**Clone:** JKmNGF-1

**Isotype:** Mouse IgG1, κ

**Immunogen:** recombinant human NGF (a.a. 46-62)

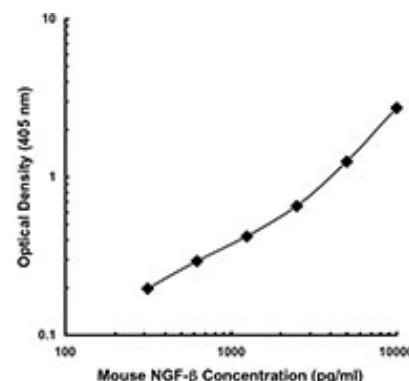
**Reactivity:** Mouse, Human, 2.5S, 7S, and β-NGF forms.

**Preparation:** The antibody was purified by affinity chromatography.

**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.



## Applications:

**Applications:** ELISA Capture - *Quality tested*

**Recommended Usage:** Each lot of this antibody is quality control tested by ELISA assay. For ELISA applications, a concentration range of 6 - 10 µg/ml is recommended. 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. It is recommended that the reagent be titrated for optimal performance for each application.

**Application Notes:** **ELISA Capture:** The purified JKmNGF-1 antibody is useful as the capture antibody in a sandwich ELISA assay, when used in conjunction with the biotinylated JKhNGF-2 antibody (Cat. No. 509802) as the detecting antibody for detecting mouse 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**  
Biotin anti-mouse/human NGF

**Clone**  
JKhNGF-2

**Application**  
ELISA Detection



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