

# Resource Summary Report

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## I?B? (L35A5) Mouse mAb (Amino-terminal Antigen)

RRID:AB\_390781

Type: Antibody

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### Proper Citation

(Cell Signaling Technology Cat# 4814, RRID:AB\_390781)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_390781](http://antibodyregistry.org/AB_390781)

**Proper Citation:** (Cell Signaling Technology Cat# 4814, RRID:AB\_390781)

**Target Antigen:** IkappaB-alpha

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Applications: W, IP, IHC-P, IF-IC, F. Consolidation: AB\_10828207, AB\_10693636.

**Antibody Name:** I?B? (L35A5) Mouse mAb (Amino-terminal Antigen)

**Description:** This monoclonal targets IkappaB-alpha

**Target Organism:** monkey, rat, pig, mouse, bovine, human

**Clone ID:** Clone L35A5

**Defining Citation:** [PMID:28238890](https://pubmed.ncbi.nlm.nih.gov/28238890/), [PMID:27565346](https://pubmed.ncbi.nlm.nih.gov/27565346/)

**Antibody ID:** AB\_390781

**Vendor:** Cell Signaling Technology

**Catalog Number:** 4814

**Alternative Catalog Numbers:** 4814S, 4814P

**Record Creation Time:** 20231110T044639+0000

**Record Last Update:** 20241115T062912+0000

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## Ratings and Alerts

No rating or validation information has been found for I?B? (L35A5) Mouse mAb (Amino-terminal Antigen).

No alerts have been found for I?B? (L35A5) Mouse mAb (Amino-terminal Antigen).

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 117 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Magri Z, et al. (2024) CD14 is a decision-maker between Fas-mediated death and inflammation. *Cell reports*, 43(9), 114685.

Li S, et al. (2024) ATG5 attenuates inflammatory signaling in mouse embryonic stem cells to control differentiation. *Developmental cell*.

Zhu W, et al. (2024) Activation of hepatic adenosine A1 receptor ameliorates MASH via inhibiting SREBPs maturation. *Cell reports. Medicine*, 5(3), 101477.

Huang J, et al. (2024) Edaravone dextroborneol promotes M2 microglia polarization against lipopolysaccharide-induced inflammation via suppressing TLR4/MyD88/NF-?B pathway. *Naunyn-Schmiedeberg's archives of pharmacology*.

Li ZC, et al. (2024) 6-O-angeloylplenolin inhibits osteoclastogenesis in vitro via suppressing c-Src/NF-?B/NFATc1 pathways and ameliorates bone resorption in collagen-induced arthritis mouse model. *Biochemical pharmacology*, 224, 116230.

Zhang S, et al. (2024) Chang-Kang-Fang alleviates diarrhea predominant irritable bowel syndrome (IBS-D) through inhibiting TLR4/NF-?B/NLRP3 pathway. *Journal of ethnopharmacology*, 330, 118236.

Hamamoto K, et al. (2024) Unveiling the physiological impact of ESCRT-dependent autophagosome closure by targeting the VPS37A ubiquitin E2 variant-like domain. *Cell reports*, 43(12), 115016.

He Y, et al. (2024) Identification of a marine-derived sesquiterpenoid, Compound-8, that inhibits tumour necrosis factor-induced cell death by blocking complex II assembly. *British journal of pharmacology*, 181(15), 2443.

Tofaute MJ, et al. (2024) SARS-CoV-2 NSP14 MTase activity is critical for inducing canonical NF- $\kappa$ B activation. *Bioscience reports*, 44(1).

Yeh TY, et al. (2024) GM1 ganglioside protects against LPS-induced neuroinflammatory and oxidative responses by inhibiting the activation of Akt, TAK1 and NADPH oxidase in MG6 microglial cells. *Glycobiology*, 34(1).

Brokatzky D, et al. (2024) Septins promote macrophage pyroptosis by regulating gasdermin D cleavage and ninjurin-1-mediated plasma membrane rupture. *Cell chemical biology*, 31(8), 1518.

Domaniku-Waraich A, et al. (2024) Oncostatin M signaling drives cancer-associated skeletal muscle wasting. *Cell reports. Medicine*, 5(4), 101498.

Ming S, et al. (2024) Alphaherpesvirus manipulates retinoic acid metabolism for optimal replication. *iScience*, 27(7), 110144.

Li F, et al. (2024) Lupenone improves motor dysfunction in spinal cord injury mice through inhibiting the inflammasome activation and pyroptosis in microglia via the nuclear factor kappa B pathway. *Neural regeneration research*, 19(8), 1802.

Schwartz L, et al. (2024) Insulin receptor signaling engages bladder urothelial defenses that limit urinary tract infection. *Cell reports*, 43(4), 114007.

Miller MH, et al. (2023) LMAN1 is a receptor for house dust mite allergens. *Cell reports*, 42(3), 112208.

Yamamoto H, et al. (2023) ERR $\alpha$  Attenuates Vascular Inflammation via Enhanced NF $\kappa$ B Degradation Pathway. *Endocrinology*, 164(3).

Baek K, et al. (2023) Systemwide disassembly and assembly of SCF ubiquitin ligase complexes. *Cell*, 186(9), 1895.

Wang Q, et al. (2023) Hedgehog receptors exert immune-surveillance roles in the epidermis across species. *Cell reports*, 42(8), 112929.

Huang H, et al. (2023) Micheliolide exerts effects in myeloproliferative neoplasms through inhibiting STAT3/5 phosphorylation via covalent binding to STAT3/5 proteins. *Blood science (Baltimore, Md.)*, 5(4), 258.