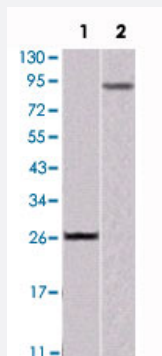


IKBKB monoclonal antibody, clone 10A2

Catalog # MAB10695 Size 100 uL

Applications



Western Blot

Western blot analysis using IKBKB monoclonal antibody, clone 10A2 (Cat # MAB10695) against truncated IKBKB recombinant protein (1) and K-562 cell lysate (2) .

Specification

Product Description Mouse monoclonal antibody raised against partial recombinant IKBKB.

Immunogen Recombinant protein corresponding to human IKBKB.

Host Mouse

Reactivity Human

Form Liquid

Isotype IgG1

Recommend Usage ELISA (1:10000)
Western Blot (1:500-1:2000)
The optimal working dilution should be determined by the end user.

Storage Buffer In ascites (0.03% sodium azide)

Storage Instruction Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis using IKBKB monoclonal antibody, clone 10A2 (Cat # MAB10695) against truncated IKBKB recombinant protein (1) and K-562 cell lysate (2) .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — IKBKB

Entrez GeneID [3551](#)

Gene Name IKBKB

Gene Alias FLJ40509, IKK-beta, IKK2, IKKB, MGC131801, NFKBIKB

Gene Description inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta

Omim ID [603258](#)

Gene Ontology [Hyperlink](#)

Gene Summary NFKB1 (MIM 164011) or NFKB2 (MIM 164012) is bound to REL (MIM 164910), RELA (MIM 164014), or RELB (MIM 604758) to form the NFKB complex. The NFKB complex is inhibited by I-kappa-B proteins (NFKBIA, MIM 164008, or NFKBIB, MIM 604495), which inactivate NF-kappa-B by trapping it in the cytoplasm. Phosphorylation of serine residues on the I-kappa-B proteins by kinases (IKBKA, MIM 600664, or IKBKB) marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B complex. Activated NFKB complex translocates into the nucleus and binds DNA at kappa-B-binding motifs such as 5-prime GGGRNYYCC 3-prime or 5-prime HGGARNYYCC 3-prime (where H is A, C, or T; R is an A or G purine; and Y is a C or T pyrimidine).[supplied by OMIM]

Other Designations inhibitor of nuclear factor kappa B kinase beta subunit|nuclear factor NF-kappa-B inhibitor kinase beta

Pathway

- [Acute myeloid leukemia](#)
- [Adipocytokine signaling pathway](#)

- [Apoptosis](#)
- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [Insulin signaling pathway](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Small cell lung cancer](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)
- [Type II diabetes mellitus](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Bronchiolitis](#)
- [Colonic Neoplasms](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hepatitis C](#)
- [HIV Infections](#)

- [Hodgkin Disease](#)
- [Infant](#)
- [Inflammation](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Occupational Diseases](#)
- [Rectal Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)
- [Thyroid Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)