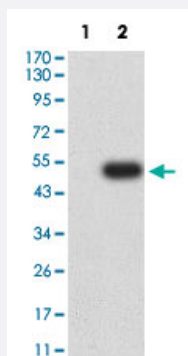


NFKB2 monoclonal antibody, clone 5E6A12

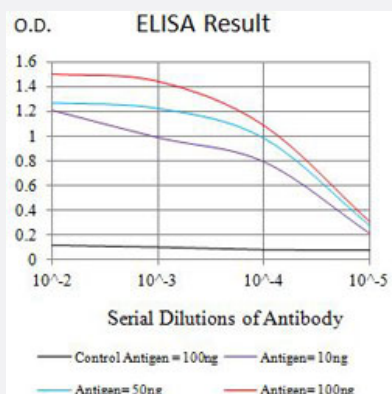
Catalog # MAB21463 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: NFKB2-hlgGf transfected HEK293 cell lysates with NFKB2 monoclonal antibody, clone 5E6A12 (Cat # MAB21463).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with NFKB2 monoclonal antibody, clone 5E6A12 (Cat # MAB21463).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human NFKB2.
Immunogen	Recombinant protein corresponding to amino acids 712-900 of human NFKB2.
Host	Mouse
Theoretical MW (kDa)	96.7
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 PBS (0.05% 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 (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: NFKB2-hlgGf transfected HEK293 cell lysates with NFKB2 monoclonal antibody, clone 5E6A12 (Cat # MAB21463).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with NFKB2 monoclonal antibody, clone 5E6A12 (Cat # MAB21463).

Gene Info — NFKB2

Entrez GeneID	4791
Protein Accession#	Q00653
Gene Name	NFKB2
Gene Alias	LYT-10, LYT10
Gene Description	nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)
Omim ID	164012
Gene Ontology	Hyperlink

Gene Summary

NFKB has been detected in numerous cell types that express cytokines, chemokines, growth factors, cell adhesion molecules, and some acute phase proteins in health and in various disease states. NFKB is activated by a wide variety of stimuli such as cytokines, oxidant-free radicals, inhaled particles, ultraviolet irradiation, and bacterial or viral products. Inappropriate activation of NF-kappa-B has been linked to inflammatory events associated with autoimmune arthritis, asthma, septic shock, lung fibrosis, glomerulonephritis, atherosclerosis, and AIDS. In contrast, complete and persistent inhibition of NF-kappa-B has been linked directly to apoptosis, inappropriate immune cell development, and delayed cell growth. For reviews, see Chen et al. (1999) [PubMed 9895331] and Baldwin (1996) [PubMed 8717528]. [supplied by OMIM]

Other Designations

OTTHUMP00000020371|OTTHUMP00000059136|nuclear factor of kappa light chain gene enhancer in B-cells 2|nuclear factor of kappa light polypeptide gene enhancer in B-cells 2

Pathway

- [MAPK signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Alzheimer Disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bronchiolitis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Fetal Diseases](#)

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Infant](#)
- [Inflammation](#)
- [Liver Cirrhosis](#)
- [Lymphoproliferative Disorders](#)
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- [Ovarian Neoplasms](#)
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- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)