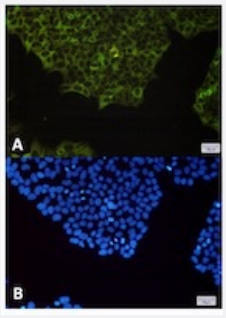
RecomAb™

NFKB2 recombinant monoclonal antibody, clone R04-4D6

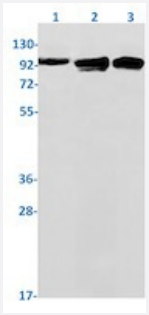
Catalog # RAB02063 Size 100 uL

Applications



Immunocytochemistry

Immunocytochemical staining of Hela with NFKB2 recombinant monoclonal antibody, clone R04-4D6 (Cat # RAB02063). (A) NFKB2 (green) and (B) DAPI (blue).



Western Blot

Western blot analysis of Lane 1: C6, Lane 2: 3T3 and Lane 3: Hela lysates with NFKB2 recombinant monoclonal antibody, clone R04-4D6 (Cat # RAB02063).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NFKB2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human NFKB2.
Theoretical MW (kDa)	Calculated MW: 97 kD
Reactivity	Human, Mouse, Rat
Form	Liquid

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Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence (1:50-1:200) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence
- Immunocytochemistry

  Immunocytochemical staining of Hela with NFKB2 recombinant monoclonal antibody, clone R04-4D6 (Cat # RAB02063). (A) NFKB2 (green) and (B) DAPI (blue).

- Immunoprecipitation
- Western Blot

  Western blot analysis of Lane 1: C6, Lane 2: 3T3 and Lane 3: Hela lysates with NFKB2 recombinant monoclonal antibody, clone R04-4D6 (Cat # RAB02063).

Gene Info — NFKB2

Entrez GeneID	4791
Protein Accession#	Q00653
Gene Name	NFKB2
Gene Alias	LYT-10, LYT10

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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

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- Disease Susceptibility
- Edema
- Fetal Diseases
- Genetic Predisposition to Disease
- Hematologic Diseases
- Hodgkin Disease
- Infant
- Inflammation
- Liver Cirrhosis
- Lymphoproliferative Disorders
- Multiple Myeloma
- Musculoskeletal Diseases
- Obesity
- Occupational Diseases
- Ovarian Failure
- Ovarian Neoplasms
- Polycystic Ovary Syndrome
- Pregnancy Complications
- Premature Birth
- Puberty
- Respiratory Syncytial Virus Infections
- Skin Diseases
- Systemic Vasculitis
- Thrombophilia
- Tobacco Use Disorder
- Waldenstrom Macroglobulinemia

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- Werner syndrome

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