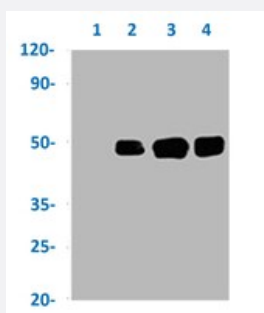


RecomAb™

JUN (phospho S63) recombinant monoclonal antibody, clone 4A11

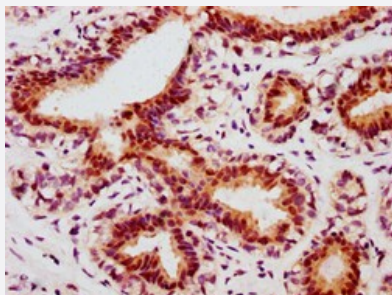
Catalog # RAB04278 Size 100 uL

Applications



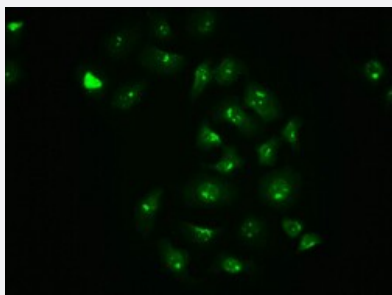
Western Blot

Western blot analysis of Lane 1: Hela whole cell lysate (not treated), Lane 2: Hela whole cell lysate (treated with EGF 100ng/ml/20mins), Lane 3: A549 whole cell lysate (not treated) and Lane 4: A549 whole cell lysate (treated with Calyculin A 100nM/60 mins) with JUN (phospho S63) recombinant monoclonal antibody, clone 4A11 (Cat # RAB04278).



Immunohistochemistry

Immunohistochemical staining of human breast carcinoma with JUN (phospho S63) recombinant monoclonal antibody, clone 4A11 (Cat # RAB04278) (diluted at 1:100).



Immunofluorescence

Immunofluorescent staining of A549 cells with JUN (phospho S63) recombinant monoclonal antibody, clone 4A11 (Cat # RAB04278) (diluted at 1:100). The secondary antibody was Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Counter-stain DAPI was used (blue).

Specification

Product Description

Rabbit recombinant monoclonal antibody raised against human JUN.

Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic phosphopeptide corresponding to residues surrounding S63 of human JUN.
Theoretical MW (kDa)	Calculated MW: 48 kD
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunofluorescence (1:20-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °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 of Lane 1: Hela whole cell lysate (not treated), Lane 2: Hela whole cell lysate (treated with EGF 100ng/ml/20mins), Lane 3: A549 whole cell lysate (not treated) and Lane 4: A549 whole cell lysate (treated with Calyculin A 100nM/60 mins) with JUN (phospho S63) recombinant monoclonal antibody, clone 4A11 (Cat # RAB04278).

- Immunohistochemistry

Immunohistochemical staining of human breast carcinoma with JUN (phospho S63) recombinant monoclonal antibody, clone 4A11 (Cat # RAB04278) (diluted at 1:100).

- Immunofluorescence

Immunofluorescent staining of A549 cells with JUN (phospho S63) recombinant monoclonal antibody, clone 4A11 (Cat # RAB04278) (diluted at 1:100). The secondary antibody was Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Counter-stain DAPI was used (blue).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — JUN

Entrez GeneID [3725](#)

Protein Accession# [P05412](#)

Gene Name JUN

Gene Alias AP-1, AP1, c-Jun

Gene Description jun oncogene

Omim ID [165160](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequence s to regulate gene expression. This gene is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies. [provided by RefSeq]

Other Designations Jun activation domain binding protein|OTTHUMP00000010036|activator protein 1|enhancer-binding protein AP1|v-jun avian sarcoma virus 17 oncogene homolog|v-jun sarcoma virus 17 oncogene homolog

Pathway

- [B cell receptor signaling pathway](#)
- [Colorectal cancer](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [ErbB signaling pathway](#)
- [Focal adhesion](#)
- [GnRH signaling pathway](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Pathways in cancer](#)
- [Renal cell carcinoma](#)

- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Campylobacter Infections](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Kidney Failure](#)
- [Ovarian Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)
- [Salmonella Infections](#)