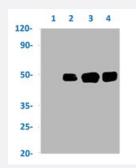


RecomAb™

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

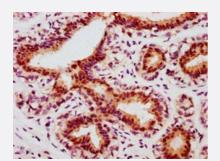
Catalog # RAB04278 Size 100 uL

Applications



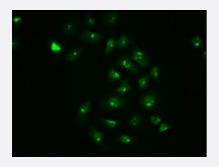
Western Blot

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) (diluated at 1:100).



Immunofluorescence

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

Specification

Product Description

Rabbit recombinant monoclonal antibody raised against human JUN.



Product Information

| Antibody Species | Rabbit |
|----------------------|--|
| Immunogen | Original antibody is raised against a synthetic phosphopeptide corresponding to residues surroundin g S63 of human JUN. |
| Theoretical MW (kDa) | Calculated MW: 48 kD |
| Reactivity | Human |
| Form | Liquid |
| Purification | Affinity chromatography |
| Isotype | lgG |
| 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 shoul d 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) (diluated at 1:100).

Immunofluorescence

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

Enzyme-linked Immunoabsorbent Assay



| Gene Info — JUN | |
|--------------------|--|
| Entrez GeneID | <u>3725</u> |
| Protein Accession# | <u>P05412</u> |
| Gene Name | JUN |
| Gene Alias | AP-1, AP1, c-Jun |
| Gene Description | jun oncogene |
| Omim ID | <u>165160</u> |
| Gene Ontology | <u>Hyperlink</u> |
| 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 chromosom al region involved in both translocations and deletions in human malignancies. [provided by RefSe q |
| 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