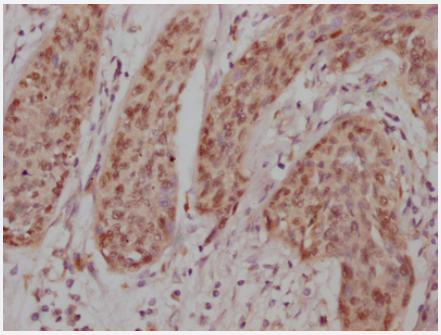
RecomAb™

JUN recombinant monoclonal antibody, clone 10D4

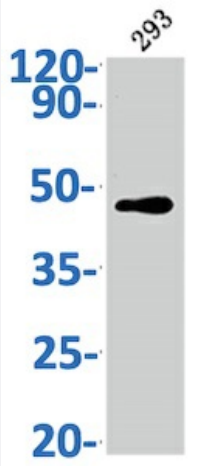
Catalog # RAB04030 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of JUN recombinant monoclonal antibody, clone 10D4 diluted at 1:100 and staining in paraffin-embedded human cervical cancer performed on a Leica BondTM system.



Western Blot

Western Blot analysis of Lane 1: 293 whole cell lysate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human JUN.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human JUN.
Reactivity	Human

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Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA 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, pH7.4 (150mM NaCl, 50% glycerol and 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

- Immunohistochemistry

  Immunohistochemistry image of JUN recombinant monoclonal antibody, clone 10D4 diluted at 1:100 and staining in paraffin-embedded human cervical cancer performed on a Leica BondTM system.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot

  Western Blot analysis of Lane 1: 293 whole cell lysate.

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

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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 sequences 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

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- 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

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