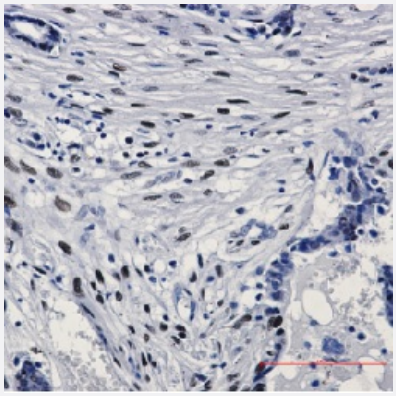
RecomAb™

JUN recombinant monoclonal antibody, clone R07-3G7

Catalog # RAB01666 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of Human breast cancer with c-Jun recombinant monoclonal antibody, clone R07-3G7 (Cat # RAB01666).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic phosphopeptide corresponding to residues surrounding Ser63 of human c-Jun.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic phosphopeptide corresponding to residues surroundin g Ser63 of human c-Jun
Theoretical MW (kDa)	Calculated MW: 36 kD
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG

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Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1,000) 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 4°C for short term. 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 shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of Human breast cancer with c-Jun recombinant monoclonal antibody, clone R07-3G7 (Cat # RAB01666).

- Western Blot

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 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-bindi ng protein AP1|v-jun avian sarcoma virus 17 oncogene homolog|v-jun sarcoma virus 17 oncogene homolog

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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

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- Diabetes Mellitus
- Disease Models
- Edema
- Genetic Predisposition to Disease
- Infant
- Kidney Failure
- Ovarian Neoplasms
- Respiratory Syncytial Virus Infections
- Salmonella Infections

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