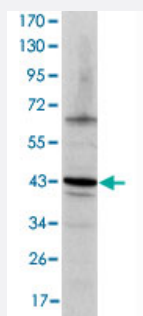


JUN monoclonal antibody, clone 4H9

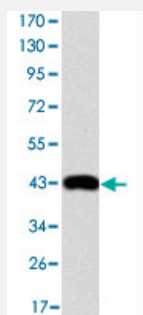
Catalog # MAB10515 Size 100 uL

Applications



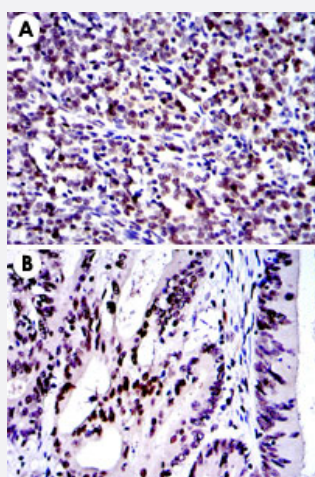
Western Blot (Cell lysate)

Western blot analysis using JUN monoclonal antibody, clone 4H9 (Cat # MAB10515) against NIH/3T3 cell lysate.



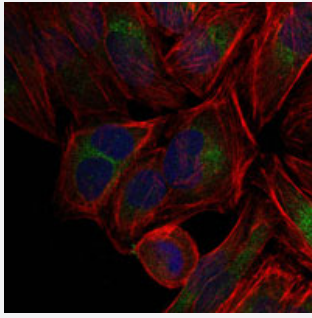
Western Blot (Recombinant protein)

Western blot analysis using JUN monoclonal antibody, clone 4H9 (Cat # MAB10515) against recombinant protein.



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

Immunohistochemical analysis of paraffin-embedded human cervical cancer (A) and human colon cancer (B) tissues using JUN monoclonal antibody, clone 4H9 (Cat # MAB10515) with DAB staining.

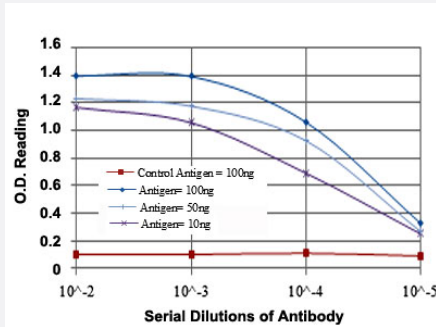


Immunofluorescence

Immunofluorescence analysis of HeLa cells using JUN monoclonal antibody, clone 4H9 (Cat # MAB10515) (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

Enzyme-linked Immunoabsorbent Assay

ELISA detection with JUN monoclonal antibody, clone 4H9 (Cat # MAB10515).



Specification

Product Description Mouse monoclonal antibody raised against partial recombinant JUN.

Immunogen Recombinant protein corresponding to human JUN.

Host Mouse

Theoretical MW (kDa) 43

Reactivity Human, Mouse

Form Liquid

Isotype IgG1

Recommend Usage ELISA (1:10000)
Western Blot (1:500-1:2000)
Immunohistochemistry (1:200-1:1000)
Immunofluorescence (1:200-1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer In ascites (0.03% sodium azide)

Storage Instruction Store at 4°C. 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 should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis using JUN monoclonal antibody, clone 4H9 (Cat # MAB10515) against NIH/3T3 cell lysate.

- Western Blot (Recombinant protein)

Western blot analysis using JUN monoclonal antibody, clone 4H9 (Cat # MAB10515) against recombinant protein.

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- Immunofluorescence

Immunofluorescence analysis of HeLa cells using JUN monoclonal antibody, clone 4H9 (Cat # MAB10515) (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

- Enzyme-linked Immunoabsorbent Assay

ELISA detection with JUN monoclonal antibody, clone 4H9 (Cat # MAB10515).

Gene Info — JUN

Entrez GeneID [3725](#)

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 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](#)
- [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](#)