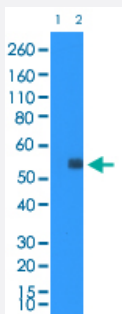


RecomAb™

FOS monoclonal antibody, clone RM374

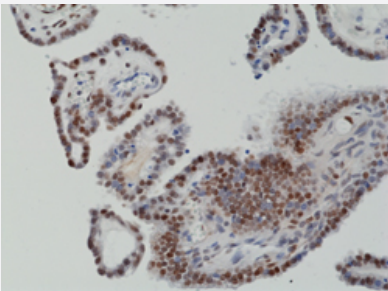
Catalog # MAB22006 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of HeLa cell lysates.



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

Immunohistochemical staining of human thyroid.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human FOS.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to N-terminus of human FOS.
Reactivity	Human
Specificity	This antibody reacts to human Proto-oncogene c-Fos. It may also react to mouse and rat c-Fos, as predicted by immunogen homology.
Form	Liquid

Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1000) Western Blot (1:1000-5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)
Storage Instruction	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 (Cell lysate) analysis of HeLa cell lysates.

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Gene Info — FOS

Entrez GeneID	2353
Gene Name	FOS
Gene Alias	AP-1, C-FOS
Gene Description	v-fos FBJ murine osteosarcoma viral oncogene homolog
Omim ID	164810
Gene Ontology	Hyperlink
Gene Summary	The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the FOS gene has also been associated with apoptotic cell death. [provided by RefSeq]
Other Designations	FBJ murine osteosarcoma viral (v-fos) oncogene homolog (oncogene FOS) activator protein 1 cellular oncogene c-fos

Pathway

- [B cell receptor signaling pathway](#)
- [Colorectal cancer](#)
- [MAPK signaling pathway](#)
- [Pathways in cancer](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Anorexia Nervosa](#)
- [Asthma](#)
- [Bronchiolitis](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)

- [Respiratory Syncytial Virus Infections](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)