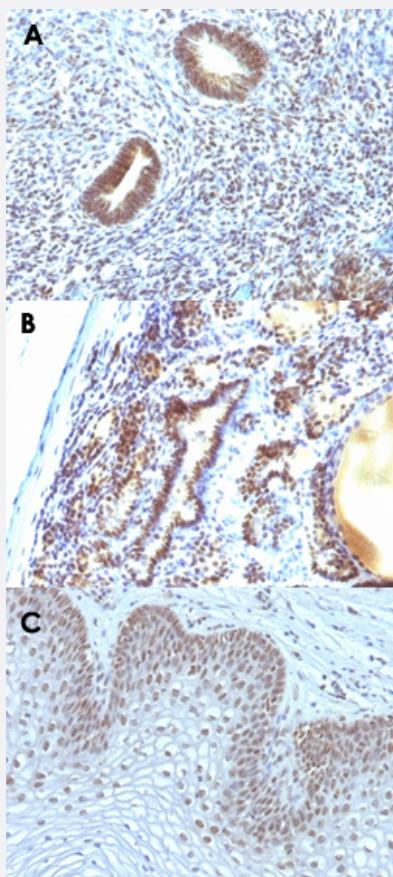


MAP3K1 monoclonal antibody, clone 2F6

Catalog # MAB13347 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human uterine carcinoma (A), human thyroid carcinoma (B) and human cervical carcinoma (C) with MAP3K1 monoclonal antibody, clone 2F6 (Cat # MAB13347).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human MAP3K1.
Immunogen	Recombinant protein corresponding to amino acids 1077-1176 of human MAP3K1.
Sequence	SKNSMTLDLNSSSKCDDSFSGCSSNSSNAVIPSDETVFTPVEEKCRLDVNTELNSSIEDLLEASMP SSDTTVTFKSEVAVLSPEKAENDDTYKDDVNHQK
Host	Mouse

Theoretical MW (kDa)	195, 80
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2a, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells in 0.1 mL) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human uterine carcinoma (A), human thyroid carcinoma (B) and human cervical carcinoma (C) with MAP3K1 monoclonal antibody, clone 2F6 (Cat # MAB13347).
- Immunofluorescence
- Flow Cytometry

Gene Info — MAP3K1

Entrez GeneID	4214
Protein Accession#	Q13233
Gene Name	MAP3K1
Gene Alias	MAPKKK1, MEKK, MEKK1

Gene Description	mitogen-activated protein kinase kinase kinase 1
Omim ID	600982
Gene Ontology	Hyperlink
Gene Summary	MAP3K, or MEK kinase, is a serine/threonine kinase that occupies a pivotal role in a network of phosphorylating enzymes integrating cellular responses to a number of mitogenic and metabolic stimuli, including insulin (MIM 176730) and many growth factors.[supplied by OMIM]
Other Designations	MAP/ERK kinase kinase 1 MAPK/ERK kinase kinase 1 MEK kinase 1 OTTHUMP00000065818

Pathway

- [GnRH signaling pathway](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Ubiquitin mediated proteolysis](#)

Disease

- [Adenocarcinoma](#)
- [Arthritis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Lymphatic Metastasis](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic Neoplasms](#)