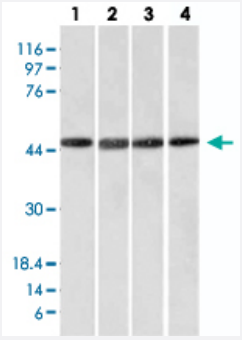
FBXO5 monoclonal antibody, clone EMI1/1176

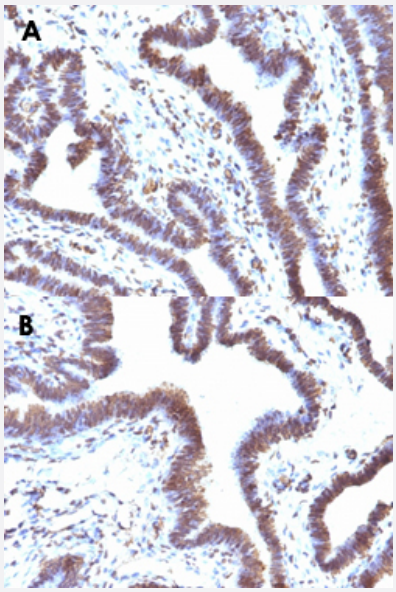
Catalog # MAB13275 Size 100 ug

Applications



Western Blot (Cell lysate)

Western Blot analysis of Lane 1: HeLa, Lane 2: HepG2, Lane 3: HEK293 and Lane 4: K562 cell lysates with FBXO5 monoclonal antibody, clone EMI1/1176 (Cat # MAB13275).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human ovarian cancer (A, B) with FBXO5 monoclonal antibody, clone EMI1/1176 (Cat # MAB13275).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human FBXO5.
Immunogen	Recombinant protein corresponding to 203 residues around amino acids 1-250 of human FBXO5.
Host	Mouse

Theoretical MW (kDa)	56
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 (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1 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 shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Immunofluorescence

- Flow Cytometry

Gene Info — FBXO5

Entrez GeneID	26271
Protein Accession#	Q9UKT4
Gene Name	FBXO5

Gene Alias	EMI1, FBX5, Fbxo31
Gene Description	F-box protein 5
Omim ID	606013
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the F-box protein family which is characterized by an approximat ely 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ub iquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the F bxs class. This protein is similar to xenopus early mitotic inhibitor-1 (Emi1), which is a mitotic regu lator that interacts with Cdc20 and inhibits the anaphase promoting complex. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq
Other Designations	F-box only protein 5|F-box protein Fbx5|OTTHUMP00000017453|early mitotic inhibitor 1