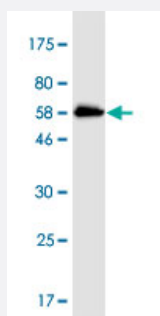


E2F6 monoclonal antibody (M01A), clone S1

Catalog # H00001876-M01A

Size 200 uL

Applications



Western Blot detection against Immunogen (56.54 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant E2F6.
Immunogen	E2F6 (AAH08348.1, 1 a.a. ~ 281 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSQQRPAKLPKSLLLDPTEETVRRRCRDPINVEGLLPKIRINLEDNVQYVSMRKALKVKRPRFDV SLVYLTRKFMDLVRSAPEGGILDNLKVATKLGVRKRRVYDITNVLDGIDLVEKKSKNHIRWIGSDLSN FGAVPQQKKLQEELSDLSAMEDALDELIKDCAQQLFELTDDKENERLAYVTYQDIHSIQAFHEQVI AVKAPAETRLDPAPREDSITVHIRSTNGPIDVYLCEVEQGQTSNKRSEGVGTSSSESTHPEGPE EEENPQQSEELLEVS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (88)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (56.54 KDa) .
Storage Buffer	In ascites fluid

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — E2F6

Entrez GeneID [1876](#)**GeneBank Accession#** [BC008348.1](#)**Protein Accession#** [AAH08348.1](#)**Gene Name** E2F6**Gene Alias** E2F-6, MGC111545**Gene Description** E2F transcription factor 6**Omim ID** [602944](#)**Gene Ontology** [Hyperlink](#)**Gene Summary**

This gene encodes a member of the E2F transcription factor protein family. E2F family members play a crucial role in control of the cell cycle and of the action of tumor suppressor proteins. They are also a target of the transforming proteins of small DNA tumor viruses. Many E2F proteins contain several evolutionarily conserved domains: a DNA binding domain, a dimerization domain which determines interaction with the differentiation regulated transcription factor proteins (DP), a transactivation domain enriched in acidic amino acids, and a tumor suppressor protein association domain which is embedded within the transactivation domain. The encoded protein of this gene is atypical because it lacks the transactivation and tumor suppressor protein association domains. It contains a modular suppression domain and is an inhibitor of E2F-dependent transcription. The protein is part of a multimeric protein complex that contains a histone methyltransferase and the transcription factors Mga and Max. Multiple transcript variants have been reported for this gene, but it has not been clearly demonstrated that they encode valid isoforms. [provided by RefSeq]

Other Designations E2F transcription factor 6, isoform 1

Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)