

RecomAb™

## E2F6 recombinant monoclonal antibody, clone R09-2A4

Catalog # RAB05262      Size 100 uL

### Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human E2F6.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human E2F6
Theoretical MW (kDa)	Calculated MW: 32 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow cytometry (1/50-1/100) Immunofluorescence (1/50-1/200) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol and 0.02% 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
- Immunocytochemistry

- Immunofluorescence
- Flow Cytometry

## Gene Info — E2F6

**Entrez GeneID** [1876](#)

**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](#)