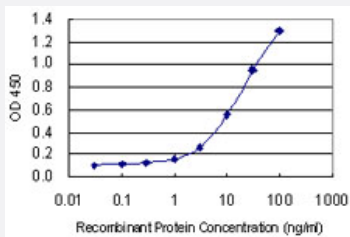


E2F3 monoclonal antibody (M04), clone 3C11

Catalog # H00001871-M04

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged E2F3 is 0.3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant E2F3.
Immunogen	E2F3 (AAH16847.1, 1 a.a. ~ 133 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MQSGGGVKTTDDTSTLNSLCGYAWVYWEEKQRCRLSSFFSSSASIPGLLPSTLDLVQNVGVVL DEALGWGRERELCVKCLLEMHCGVFSCMGNHLCQAFPHFPYLSHLVSCLCFQLCVILFASCTKLI FSKV
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged E2F3 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — E2F3

Entrez GeneID [1871](#)

GeneBank Accession# [BC016847.1](#)

Protein Accession# [AAH16847.1](#)

Gene Name E2F3

Gene Alias DKFZp686C18211, E2F-3, KIAA0075, MGC104598

Gene Description E2F transcription factor 3

Omim ID [600427](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the E2F family of transcription factors. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses. The E2F proteins contain several evolutionally conserved domains found in most members of the family. These domains include 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. This protein and another 2 members, E2F1 and E2F2, have an additional cyclin binding domain. This protein binds specifically to retinoblastoma protein pRB in a cell-cycle dependent manner. [provided by RefSeq]

Other Designations OTTHUMP00000018012

Pathway

- [Bladder cancer](#)

- [Cell cycle](#)
- [Chronic myeloid leukemia](#)
- [Glioma](#)
- [Melanoma](#)
- [Non-small cell lung cancer](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Small cell lung cancer](#)

Disease

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