



[Go to Product page](#)

Datasheet for ABIN7126308  
**anti-E4F1 antibody**

### Overview

Quantity:	100 µg
Target:	E4F1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This E4F1 antibody is un-conjugated
Application:	Immunofluorescence (IF), Flow Cytometry (FACS)

### Product Details

Immunogen:	Recombinant full-length human E4F1 protein
Isotype:	IgG1
Specificity:	E4F1 (E4F transcription factor 1), also known as E4F, is a 784 amino acid protein that localizes to both the nucleus and the cytoplasm and contains 9 C2H2-type zinc fingers. Expressed ubiquitously in adult and fetal tissues, E4F1 exists as a homodimer that binds DNA and is thought to act as a transcriptional repressor and may also play a role in cell survival and growth via cell cycle control. Additionally, E4F1 is thought to function as a ubiquitin ligase that mediates the ubiquitination (and subsequent degradation) of target proteins and may be involved in the p53 tumor suppressor pathway. E4F1, which may be post-translationally phosphorylated or sumoylated, is subject to proteolytic cleavage which results in the creation of a short peptide with specific DNA binding capabilities.
Cross-Reactivity (Details):	Human

## Product Details

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Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

## Target Details

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Target: E4F1

Alternative Name: E4F1 ([E4F1 Products](#))

Background: E4F transcription factor 1, isoform CRA\_b, P120E4F transcription factor, p50E4F, Putative E3 ubiquitin-protein ligase E4F1, RING type E3 ubiquitin transferase E4F1, Transcription factor E4F1,E4F1

Cellular localisation: Nucleus.

Molecular Weight: 83kDa

Gene ID: 1877, 513268

UniProt: [Q66K89](#)

## Application Details

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Application Notes: Known\_Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL),  
,Optimal dilution for a specific application should be determined.

Positive\_Control: HeLa, Jurkat or MCF7 cells.

Restrictions: For Research Use only

## Handling

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Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C,-80 °C

Storage Comment: Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Expiry Date: 24 months