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anti-EEF1E1 antibody

3 Images



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## Overview

Overview	
Quantity:	400 μL
Target:	EEF1E1
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EEF1E1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)
Product Details	
lmmunogen:	This EEF1E1 antibody is generated from a mouse immunized with a recombinant protein of
	human EEF1E1.
Clone:	1494CT639-147-31
Isotype:	IgG2b kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.
Target Details	
Target:	EEF1E1
Alternative Name:	EEF1E1 (EEF1E1 Products)
Background:	Positive modulator of ATM response to DNA damage.
Molecular Weight:	19811

## **Target Details**

UniProt:	043324
Pathways:	Positive Regulation of Response to DNA Damage Stimulus

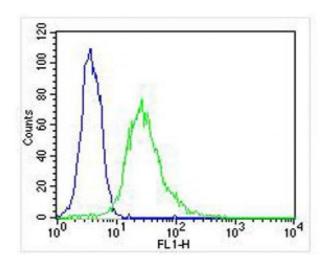
# **Application Details**

Application Notes:	IF: 1:25. WB: 1:2000-1:4000. FC: 1:25
Restrictions:	For Research Use only

# Handling

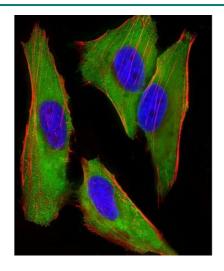
Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

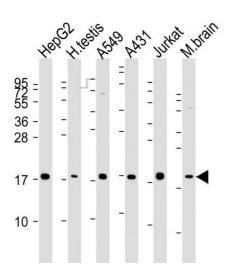
#### **Images**



## **Flow Cytometry**

**Image 1.** Overlay histogram showing Hela cells stained with (ABIN6243771 and ABIN6577109) (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6243771 and ABIN6577109), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Mouse IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(NA168821)) at 1/400 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was mouse IgG2b (1  $\mu$  g/1x10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.





#### **Immunofluorescence**

**Image** 2. Immunofluorescent analysis 4 % paraformaldehyde-fixed, 0.1 % Triton X-100 permeabilized HeLa (human cervical epithelial adenocarcinoma cell line) cells labeling EEF1E1 with (ABIN6243771 ABIN6577109) at 1/25 dilution, followed by Dylight® 488conjugated goat anti-mouse IgG (NA166821) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on HeLa cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin (PD18466410) at 1/100 dilution (red). The nuclear counter stain is DI (blue).

#### **Western Blotting**

Image 3. All lanes: Anti-EEF1E1 Antibody at 1:2000-1:4000 dilution Lane 1: HepG2 whole cell lysates Lane 2: human testis lysates Lane 3: A549 whole cell lysates Lane 4: A431 whole cell lysates Lane 5: Jurkat whole cell lysates Lane 6: mouse brain lysates Lysates/proteins at 20 μg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size: 20 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.