BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-EEF1E1 Antibody

Catalog Number: M08532

About EEF1E1

Positive modulator of ATM response to DNA damage.

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Overview

Product Name	Anti-EEF1E1 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-EEF1E1 Antibody (Catalog # M08532). Tested in WB, Flow Cytometry, IF application(s). This antibody reacts with Human, Mouse.
Application	Flow Cytometry, IF, WB
Clonality	Monoclonal 1494CT639.147.31
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	O43324

Technical Details

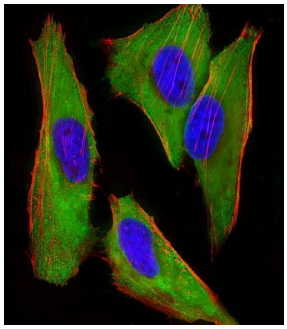
Immunogen	This EEF1E1 antibody is generated from a mouse immunized with a recombinant protein of human EEF1E1.
Predicted Reactive Species	Bovine
Isotype	IgG2b,kappa
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	IF: 1:25 WB: 1:2000-1:4000

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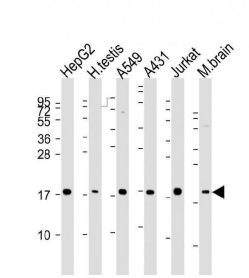
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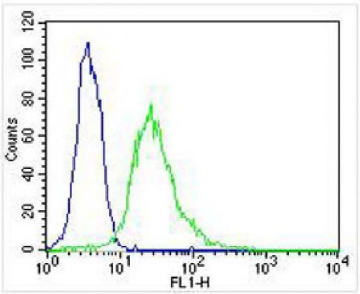
Anti-EEF1E1 Antibody (M08532) Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa (human cervical epithelial adenocarcinoma cell line) cells labeling EEF1E1 with M08532 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-mouse IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on HeLa cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin at 1/100 dilution (red).The nuclear counter stain is DAPI (blue).



All lanes : Anti-EEF1E1 Antibody at 1:2000-1:4000 dilutionLane 1: HepG2 whole cell lysatesLane 2: human testis lysatesLane 3: A549 whole cell lysatesLane 4: A431 whole cell lysatesLane 5: Jurkat whole cell lysatesLane 6: mouse brain lysates Lysates/proteins at 20 ug per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 20 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



Overlay histogram showing Hela cells stained with M08532 (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 (M08532, 1:25 dilution) for 60 min at 37ºC. The secondary antibody used was Goat-Anti-Mouse IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/400 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was mouse IgG2b (1g/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

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