

Product Datasheet

HEF1 antibody (orb344431)

Description

HEF1 antibody

Species/Host

Mouse

Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Tested

ELISA, IF, IP, WB

Applications
Immunogen

Anti-HEF1 monoclonal antibody was produced by repeated immunizations with a synthetic peptide corresponding to amino acid residues 82-398 of human HEF1 protein (hHEF1, 843 aa, predicted MW 92.8 kDa).

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

1.0 mg/mL

Storage

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Note

For research use only

Application notes

This monoclonal antibody has been tested for use in western blotting, immunoprecipitation and immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect bands approximately 115 and 105 in size corresponding to isoforms of HEF1 protein by western blotting in the appropriate cell lysate or extract. This antibody does not recognize p130Cas. Sin1 has not been tested. IF was performed using 4% PFA fixed cells. This monoclonal antibody mostly detects HEF1 localized at the focal adhesion sites.

Isotype

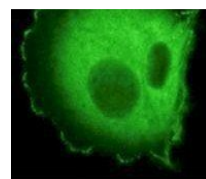
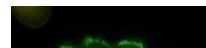
IgG1

Clonality

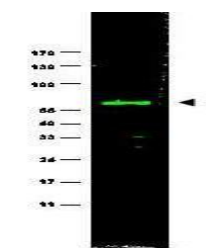
Monoclonal

Purity

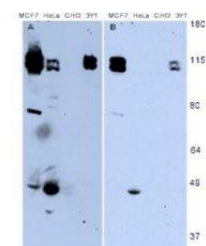
This Protein A purified antibody is directed against human HEF1 protein. The product was purified from tissue culture supernatant by chromatography. Reactivity occurs against human, mouse and rat forms of the protein. Reactivity against multiple isoforms is expected. Reactivity against homologues from other sources is not known. Specificity was determined by partial epitope mapping.



Immunofluorescence analysis of HEF1 localization in cells.



Western blot analysis of MCF7 lysate (arbitrary units).



Western blot analysis of various cell lysates.