

## Anti-ERK5 (MAPK7) Mouse Monoclonal Antibody [Clone ID: OTI3H2]

Catalog Number: M02812-1

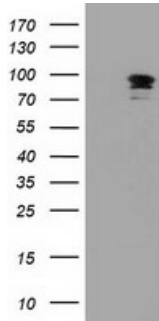
### Overview

Product Name	Anti-ERK5 (MAPK7) Mouse Monoclonal Antibody [Clone ID: OTI3H2]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio MAPK7 (ERK5) mouse monoclonal antibody, clone OTI3H2 (formerly 3H2). Catalog# M02812-1. Tested in FC, IF, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, WB
Clonality	Monoclonal OTI3H2
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	Q13164

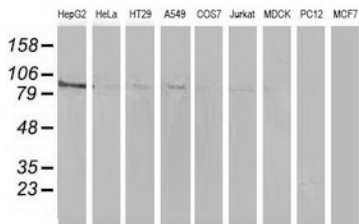
### Technical Details

Immunogen	Full length human recombinant protein of human MAPK7 (NP_002740) produced in HEK293T cell.
Isotype	IgG1
Concentration	0.6 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB: 1:2000 IF: 1:100 Flow cytometry: 1:100

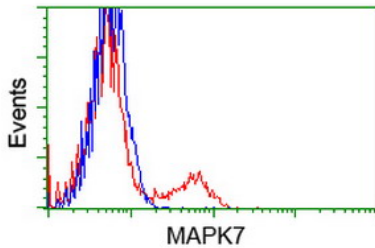
## Anti-ERK5 (MAPK7) Mouse Monoclonal Antibody [Clone ID: OTI3H2] (M02812-1) Images



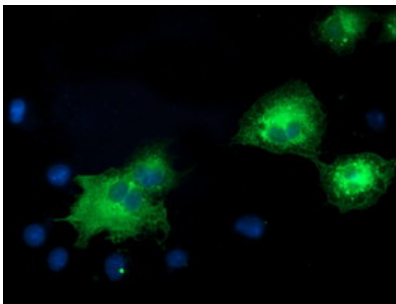
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MAPK7 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MAPK7.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-MAPK7 monoclonal antibody.



HEK293T cells transfected with either MAPK7 (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-MAPK7 antibody (M02812-1)



Anti-MAPK7 mouse monoclonal antibody (M02812-1) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY MAPK7.

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