

ERK2 / MAPK1 / MAPK2 Antibody, Rabbit MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 10030-R007

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GENERAL INFORMATION	
Immunogen:	Recombinant Human ERK2 / MAPK1 / MAPK2 Protein (Catalog#10030-H09B)
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human ERK2 / MAPK1 / MAPK2 (rh ERK2 / MAPK1 / MAPK2; Catalog#10030-H09B; NP_002736.3; Met1-Ser360).
Ig Type:	Rabbit IgG
Clone ID:	007
Specificity:	Human ERK2 / MAPK1 / MAPK2
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Alternative Names:	ERK,ERK-2,ERK2,ERT1,MAPK2,p38,p40,p41,p41mapk,p42-MAPK,P42MAPK,PRKM1,PRKM2
APPLICATIONS	
Applications:	ELISA,FCM,ICC/IF
RECOMMENDED CONCENTRATION	
ICC/IF	ICC/IF: 1:20-1:100
Flow Cytometry	FCM: 1:25-1:100
ELISA	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human ERK2 / MAPK1 / MAPK2.

Please Note: Optimal concentrations/dilutions should be determined by the end user.

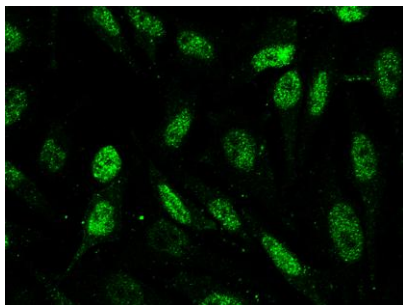
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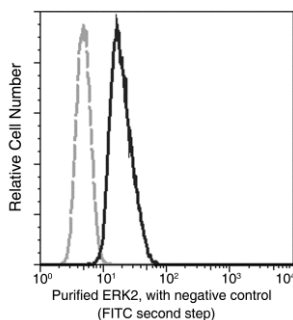


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Immunofluorescence staining of ERK2 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human ERK2 monoclonal antibody (1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-rabbit IgG secondary antibody (green).



Flow cytometric analysis of Human ERK2 expression on HeLa cells. The cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), stained with purified anti-Human ERK2, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.

Flow cytometry was performed on a BD FACSCalibur flow cytometry system. Please refer to www.sinobiological.com/Flow-Cytometry-FACS-Protocols-a-750.html for technical protocols.