



ERK1 Antibody, Monoclonal

CATALOG NUMBER: 70-231

Specifications

SPECIES REACTIVITY:	Human, Mouse, Rat
TESTED APPLICATIONS:	ELISA, IHC, IP, WB
APPLICATIONS:	ERK1 Monoclonal Antibody can be used for immunohistochemistry (tested on parafin embedded tissues) starting at 10 ug/mL and Western Blot starting at 0.5 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	Recognizes the 42kD mouse MAP Kinase encoded by the mapk gene. Species cross-reactivity: Human and rat.
IMMUNOGEN:	HPLC purified murine recombinant MAP Kinase.
HOST SPECIES:	Mouse

Properties

PURIFICATION:	Protein G Column
PHYSICAL STATE:	Liquid
BUFFER:	PBS, 0.05% sodium azide
STORAGE CONDITIONS:	ERK1 Monoclonal antibody may be stored short term at 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.
CLONALITY:	Monoclonal
ISOTYPE:	IgG2a
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	ERK1, ERK2, Erk1, Prkm3, Mitogen-activated protein kinase 3, ERT2, MAP kinase 3, p44, Ert2, Mnk1, Erk-1, Esrk1, Mtap2k, p44erk1, p44mapk
ACCESSION NO.:	Q63844 / P63085
PROTEIN GI NO.:	52001483
OFFICIAL SYMBOL:	Mapk3 / Mapk1
GENE ID:	26417 / 26413

Background

FOR RESEARCH USE ONLY

December 13, 2016