



E-Ras Monoclonal Antibody

Catalog No	YP-mAb-16156
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ERAS
Immunogen	The antiserum was produced against synthesized peptide derived from human ERAS. AA range:184-233
Specificity	E-Ras Monoclonal Antibody detects endogenous levels of E-Ras protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	E ras;E-Ras;ecat5;Embryonic stem cell expressed Ras;Embryonic stem cell-expressed Ras;Eras;ES cell expressed Ras;GTPase ERas;Ha-Ras2;HRAS2;HRASP;MGC126691;MGC126693;OTTHUMP65857;RASE_HUMAN;Small GTPase protein E Ras;v Ha ras Harvey rat sarcoma viral oncogene homolog pseudogene;v Ha ras Harvey rat sarcoma viral oncogene homolog 2
Observed Band	25kD
Calculated Molecular Weight	25kD
Cell Pathway	Cell membrane ; Lipid-anchor ; Cytoplasmic side .
Tissue Specificity	Brain,
Function	enzyme regulation:Alternate between an inactive form bound to GDP and an active form bound to GTP. Activated by a guanine nucleotide-exchange factor (GEF) and inactivated by a GTPase-activating protein (GAP).,function:Ras proteins bind GDP/GTP and possess intrinsic GTPase activity. Plays an important role in the tumor-like growth properties of embryonic stem cells., similarity:Belongs to the small GTPase superfamily. Ras family.,subunit:Interacts with PIK3CD.,



Background

This gene encodes a constitutively active member of the small GTPase Ras protein family. The encoded protein activates the phosphatidylinositol 3-kinase signal transduction pathway in undifferentiated stem cells, but is not expressed in differentiated cells. This gene may be involved in cancer and chemotherapy resistance. [provided by RefSeq, Dec 2012],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

