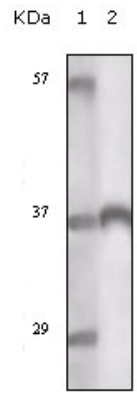
Tyro3 Monoclonal Antibody

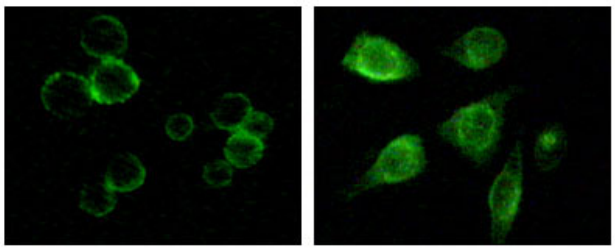
Catalog No	YP-Ab-12945
Isotype	IgG
Reactivity	Human
Applications	WB;IF;ELISA
Gene Name	TYRO3
Protein Name	Tyrosine-protein kinase receptor TYRO3
Immunogen	Purified recombinant fragment of Tyro3 expressed in E. Coli.
Specificity	Tyro3 Monoclonal Antibody detects endogenous levels of Tyro3 protein.
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TYRO3; BYK; DTK; RSE; SKY; Tyrosine-protein kinase receptor TYRO3; Tyrosine-protein kinase DTK; Tyrosine-protein kinase RSE; Tyrosine-protein kinase SKY; Tyrosine-protein kinase byk
Observed Band	
Cell Pathway	Cell membrane; Single-pass type I membrane protein.
Tissue Specificity	Abundant in the brain and lower levels in other tissues.
Function	catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:May be involved in cell adhesion processes, particularly in the central nervous system. In case of filovirus infection, seems to function as a cell entry factor.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. AXL/UFO subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 2 fibronectin type-III domains.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Monomer and homodimer. Interacts with GAS6.,tissue specificity:Abundant in the brain and lower levels in other tissues.,
Background	The gene is part of a 3-member transmembrane receptor kinase receptor family with a processed pseudogene distal on chromosome 15. The encoded protein is activated by the products of the growth arrest-specific gene 6 and protein S genes and is involved in controlling cell survival and proliferation, spermatogenesis,

	immunoregulation and phagocytosis. The encoded protein has also been identified as a cell entry factor for Ebola and Marburg viruses. [provided by RefSeq, May 2010],
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



Western Blot analysis using Tyro3 Monoclonal Antibody against truncated Tyro3 recombinant protein.



Immunofluorescence staining of methanol-fixed MCF-7 and HepG2 cells showing membrane and cytoplasmic localization using Tyro3 Monoclonal Antibody.