

Tyro3 Mouse mAb

CatalogNo: YM0639

Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- WB,IF,ELISA

MW

- 97kD (Calculated)

Recommended Dilution Ratios

WB 1:500-1:2000

IF 1:200-1:1000

ELISA 1:10000

Not yet tested in other applications.

Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Monoclonal

Immunogen Information

Immunogen

Purified recombinant fragment of Tyro3 expressed in E. Coli.

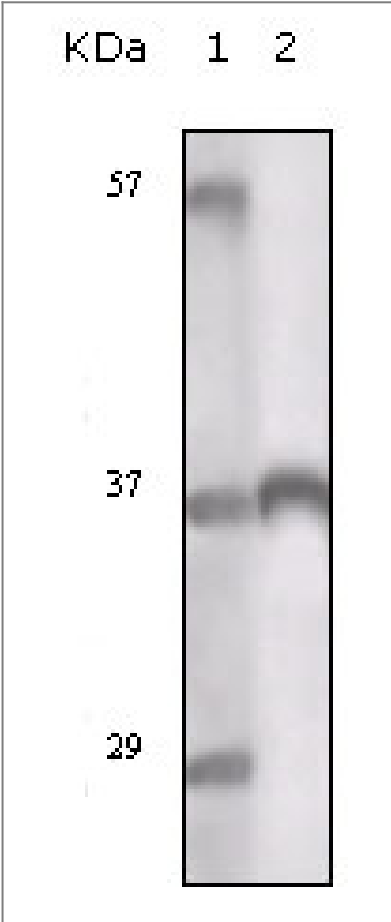
Specificity

Tyro3 Monoclonal Antibody detects endogenous levels of Tyro3 protein.

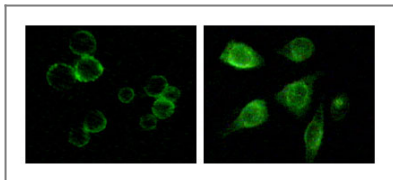
Target Information

Gene name	TYRO3		
Protein Name	Tyrosine-protein kinase receptor TYRO3		
	Organism	Gene ID	UniProt ID
	Human	7301 ;	Q06418 ;
	Mouse		P55144 ;
Cellular Localization	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.,		

Validation Data



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.

| Contact information

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Please scan the QR code to access additional product information:
Tyro3 Mouse mAb

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