

TYRO3 Monoclonal Antibody (6D6F10)

Catalog NumberMA5-15404

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Rat
Host/Isotope	Mouse / IgG1	Tested Applications	Dilution *
Class	Monoclonal		
Type	Antibody		
Clone	6D6F10		
Immunogen	Purified recombinant fragment of Tyro3 (aa138-321) expressed in E. Coli.	ELISA (ELISA)	1:10,000
Conjugate	Unconjugated	Western Blot (WB)	1:1,000
Form	Liquid	Immunocytochemistry (ICC/IF)	1:200-1:1,000
Concentration	Conc. Not Determined	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Storage buffer	ascites		
Contains	0.03% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

MA5-15404 targets Tyro3 in indirect ELISA, IF applications and shows reactivity with Human samples. The MA5-15404 immunogen is purified recombinant fragment of Tyro3 (aa138-321) expressed in E. Coli.

Background/Target Information

TYRO3 (tyrosine-protein kinase receptor TYRO3) is a receptor tyrosine kinase that transduces signals from the extracellular matrix into the cytoplasm by binding to several ligands including TULP1 or GAS6. It regulates many physiological processes including cell survival, migration, and differentiation. Ligand binding at the cell surface induces dimerization and autophosphorylation of TYRO3 on its intracellular domain that provides docking sites for downstream signaling molecules. Following activation by a ligand, TYRO3 plays a role in various processes such as neuron protection from excitotoxic injury, platelet aggregation, signal transduction, cell adhesion. and cytoskeleton reorganization.

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