

## Tyro3 Ab

Cat.#: BF0294  
Size: 50ul,100ul,200ul

Concn.: 1mg/ml  
Source: Mouse

Mol.Wt.: 96kDa  
Clonality: Monoclonal

Application:	ELISA 1/10000, ICC 1/200 - 1/1000
Reactivity:	Human
Purification:	Affinity-chromatography.
Specificity:	Tyro3 Ab detects endogenous levels of total Tyro3.
Immunogen:	Purified recombinant fragment of human Tyro3 expressed in E. Coli.
Uniprot:	Q06418
Description:	Tyro3 (also known as Sky and Rse), with 890-amino acid protein (about 98kDa), belongs to the Axl/Tyro3 family of receptor tyrosine kinases, which also includes Axl and Mer.Gas6 (growth arrest-specific gene-6) is a ligand for all members of the Axl family and they play essential roles in spermatogenesis, immunoregulation, and phagocytosis.Tyro3 was expressed at high levels during postnatal development and in the adult in the cortex.Tyro3 and Gas6 have neurotrophic roles in the nervous system.In addition, the signalling interactions of Axl and Tyro3 may play roles in tumourigenesis, inflammation as well as other cell proliferative diseases.
Subcellular Location:	Cell membrane.
Tissue Specificity:	Abundant in the brain and lower levels in other tissues.
Similarity:	Belongs to the protein kinase superfamily. Tyr protein kinase family. AXL/UFO subfamily.
Storage Condition and Buffer:	Mouse IgG1 in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.