

## Tyro3 Ab

[Images\(1\)](#)

Cat.#: BF0294	Concn.: ~1mg/ml	Mol.Wt.: 96kDa
Size:	Source: Mouse	Clonality: Monoclonal

Application:	ELISA 1:10000, IF/ICC 1:200-1:1000 *The optimal dilutions should be determined by the end user.
Reactivity:	Human
Storage:	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.
Purification:	Affinity-chromatography.
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.

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