

Mouse Monoclonal Antibody to Tyro3

Catalogue Number sAP-0173

Target Molecule **Name:** Tyro3

Aliases: BYK; Brt; Dtk; RSE; Sky; Tif; FLJ16467

MW: N/A

Entrez Gene ID: 7301

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.

Immunogen Purified recombinant fragment of Tyro3 (aa138-321) expressed in E. Coli.

Reactive Species Human

Clone MM6D6F10;

Size and Concentration 100µg/1mg/ml

Supplied as Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.

Reconstitution/Storages Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage

Applications ELISA: 1 to 10000; ICC: 1 to 200 - 1 to 1000

Shipping Regular FEDEX overnight shipment (ambient temperature)

Reference 1. Christoph Heiring, Bjon Dahlbok, and Yves A. Muller. J. Biol. Chem Feb 2004; 279: 6952 - 6958. ; 2. Sasan Hafizi, Anna Gustafsson, Jonas Stenhoff. Int J Biochem Cell Biol. 2005 Nov;37(11):2344-56. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**