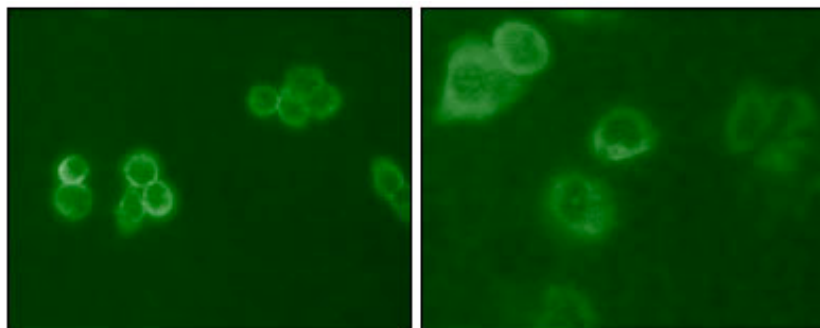




Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to Tyro3

Catalog Number: MAB-606020208



Lot#:
Clone#: 6D6F10
Host and isotype: Mouse IgG1
Size: 0.1ml
MW:
Aliases: BYK; Brt; Dtk; RSE;
Sky; Tif; FLJ16467
Entrez Gene: 7301
Species reactivity: Human

Figure 2: Immunofluorescence analysis of HeLa (Left) and MCF-7 (Right) cells using Tyro3 mouse mAb (green).

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 tumorigenesis, inflammation as well as other cell proliferative diseases.

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

Application Immunofluorescence: 1/200 - 1/1000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4°C, for long term storage, store at -20°C.

Related product References 1. Christoph Heiring, Bjorn Dahlbom, and Yves A. Muller. J. Biol. Chem Feb 2004; 279: 6952 - 6958.
2. Sassan Hafizi, Anna Gustafsson, Jonas Stenhoff. Int J Biochem Cell Biol. 2005 Nov;37(11):2344-56.

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