



Tyro3 Mouse Monoclonal Antibody

E10-20208

Background: 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.

Catalog Number: E10-20208

Amount: 100µg/100µl

Clone Number: 6D6F10

Species: Mouse IgG1

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

Entrez Gene: 7301

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

Storage: Store at 4 °C for long term storage, store at

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: IF, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: IF. 1/200 - 1/1000. ELISA. Propose dilution 1/10000.

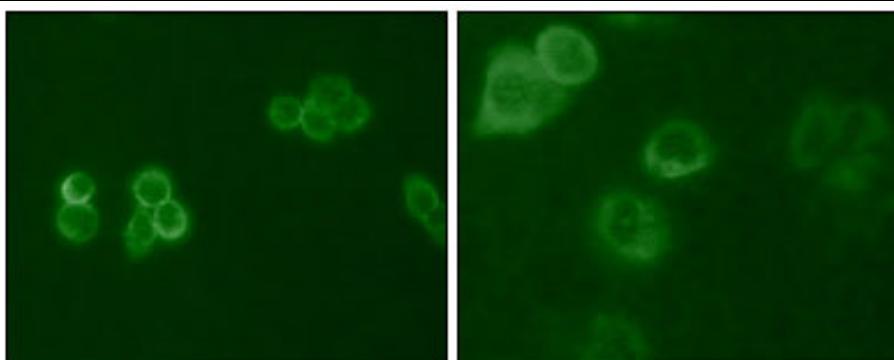


Figure 2. Immunofluorescence analysis of HeLa (Left) and MCF-7 (Right) cells using Tyro3 mouse mAb (green).