

## Tyro3 Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA3198
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1
<b>Size</b>	100µL, 50µL
<b>Immunogen</b>	Purified recombinant fragment of Tyro3 (aa138-321) expressed in E. Coli.
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	ICC
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	BYK;BrT;Dtk;RSE;Sky;Tif;FLJ16467

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### 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.

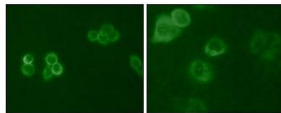
### Recommended Dilution

ICC: 1:200 - 1:1000

ELISA: 1:10000

Not yet tested in other applications.

### Images



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

### Storage

Store at 4°C short term. Aliquot and store at -20°C long term.