

**Product Name: Tyro3 Mouse Monoclonal Antibody****Catalog #: AMM80649**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	ICC,ELISA
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	PBS containing 0.03% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	ICC 1:200-1:1000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	/

**Antigen Information**

<b>Gene Name</b>	Tyro3
<b>Alternative Names</b>	BYK; Brt; Dtk; RSE; Sky; Tif; FLJ16467
<b>Gene ID</b>	7301.0
<b>SwissProt ID</b>	Q06418
<b>Immunogen</b>	Purified recombinant fragment of Tyro3 (aa138-321) expressed in E. Coli.

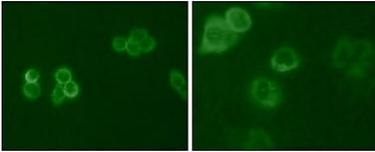
**Background**

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.

## Research Area

## Image Data



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