

Product Name: KD-Validated ROS1 Mouse Monoclonal Antibody**Catalog #: KVA01149**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:400-1:2,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 263.9kDa

Antigen Information

Gene Name	ROS1
Alternative Names	ROS1; ROS Proto-Oncogene 1, Receptor Tyrosine Kinase; MCF3; ROS; C-Ros-1; V-Ros Avian UR2 Sarcoma Virus Oncogene Homolog 1; C-Ros Oncogene 1 , Receptor Tyrosine Kinase; Proto-Oncogene Tyrosine-Protein Kinase ROS; Proto-Oncogene C-Ros-1; V-Ros UR2 Sarcoma Virus Oncogene Homolog 1 (Avian); ROS Proto-Oncogene 1 , Receptor Tyrosine Kinase; Transmembrane Tyrosine-Specific Protein Kinase; Receptor Tyrosine Kinase C-Ros Oncogene 1; C-Ros Receptor Tyrosine Kinase; Proto-Oncogene C-Ros; EC 2.7.10.1
Gene ID	6098.0
SwissProt ID	P08922
Immunogen	Recombinant protein of human ROS1

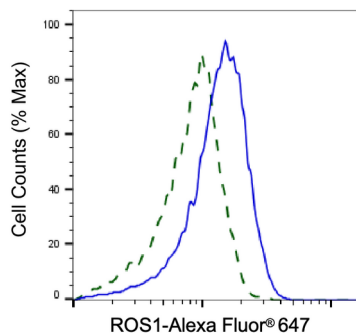
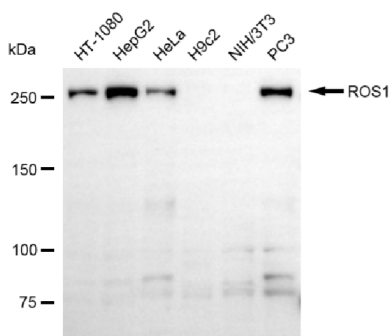
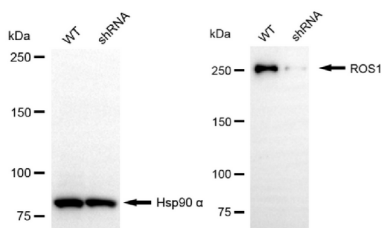
Background

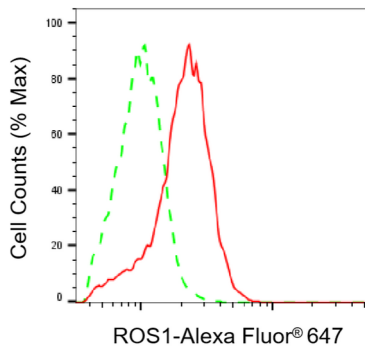
This proto-oncogene, highly-expressed in a variety of tumor cell lines, belongs to the sevenless subfamily of tyrosine kinase insulin receptor genes. The protein encoded by this gene is a type I integral membrane protein with tyrosine kinase activity. The protein may function as a growth or differentiation factor receptor. [provided by RefSeq, Jul 2008]

Research Area

Cancer

Image Data





Flow cytometric analysis of ROS1 expression in HAP-1 cells using ROS1 antibody (KVA01149, 1:2,000). Green, isotype control; red, ROS1.