OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA805678BM

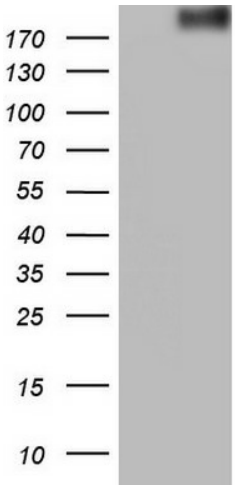
ROS1 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI1F3]

Product data:

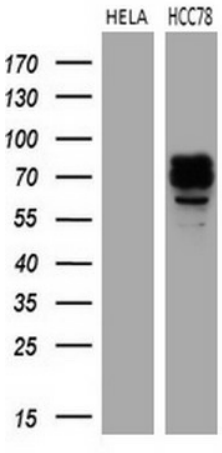
Product Type:	Primary Antibodies
Clone Name:	OTI1F3
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:5000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 2126-2347 of human ROS1(NP_002935) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	HRP
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ROS proto-oncogene 1, receptor tyrosine kinase
Database Link:	NP_002935 Entrez Gene 6098 Human P08922
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]
Synonyms:	c-ros-1; MCF3; ROS
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane

View online »

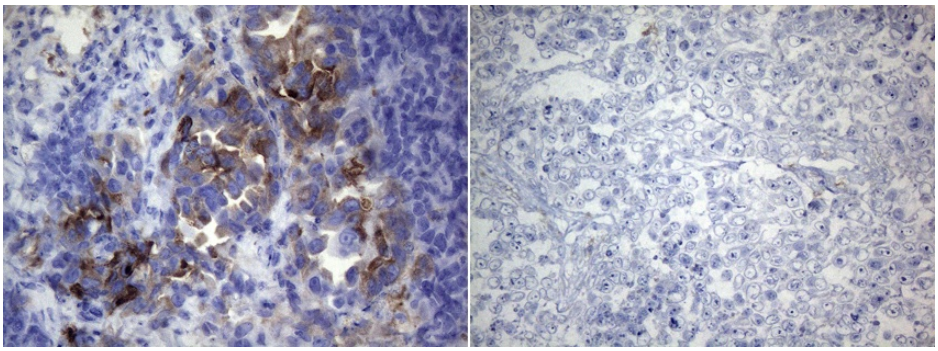
Product images:



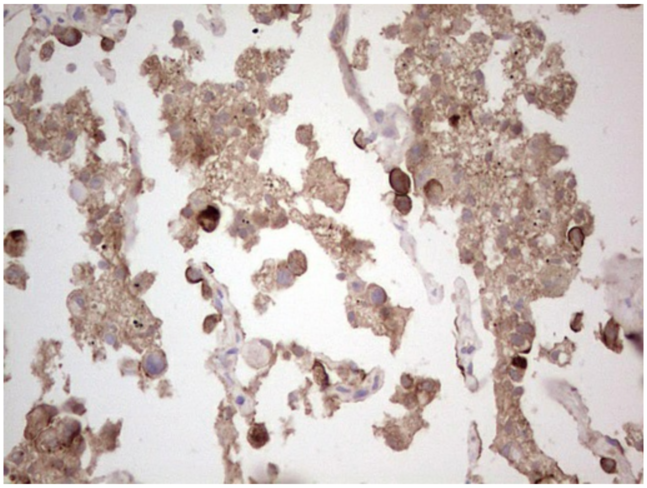
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ROS1 ([RC220652], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ROS1.



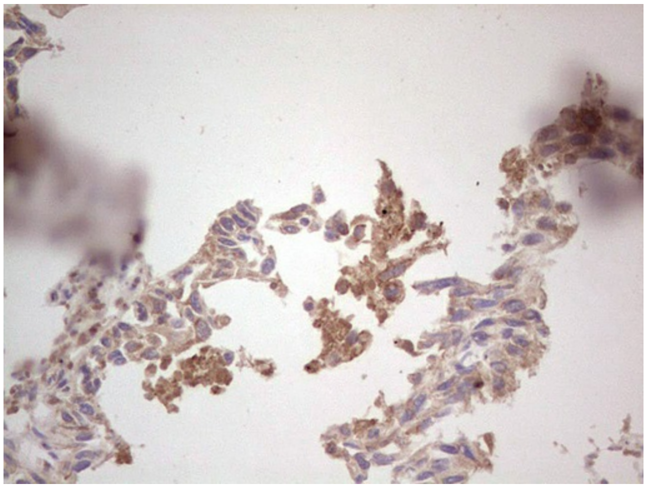
Western blot analysis of extracts (35ug) from 2 different cell lines by using anti-ROS1 monoclonal antibody (1:500).



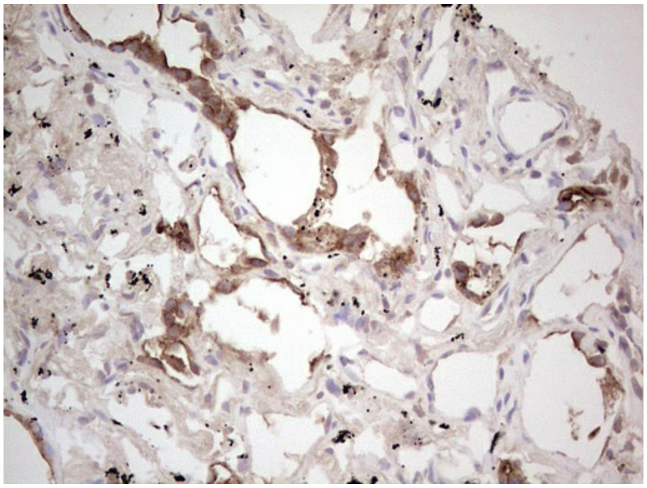
Immunohistochemical staining of paraffin-embedded HCC78 (left) and HeLa (right) xenograft using [TA805678] (0.2ug/ml). (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3min)



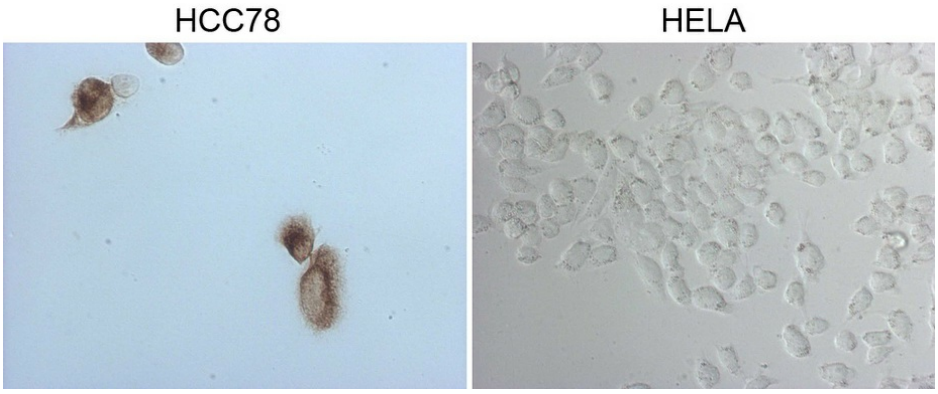
Immunohistochemical staining of paraffin-embedded Carcinoma of ROS1 positive Human lung tissue using anti-ROS1 mouse monoclonal antibody. ([TA805678]; heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min)



Immunohistochemical staining of paraffin-embedded Carcinoma of ROS1 positive Human lung tissue using anti-ROS1 mouse monoclonal antibody. ([TA805678]; heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min)



Immunohistochemical staining of paraffin-embedded Carcinoma of ROS1 positive Human lung tissue using anti-ROS1 mouse monoclonal antibody. ([TA805678]; heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min)



Immunocytochemistry staining of HCC78 cells using anti-ROS1 mouse monoclonal antibody ([TA805678]) (Left). The right is HELA cells as negative control (1:2000).