

À des fins de recherche uniquement

Anticorps Monoclonal anti-ROR1

Numéro de catalogue: 66923-1-Ig

Phare

2 Publications



Informations de base

Numéro de catalogue: 66923-1-Ig	Numéro d'acquisition GenBank: BC006374	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1500 µg/ml by Nanodrop;	Identification du gène (NCBI): 4919	CloneNo.: 1F5D8
Hôte: Mouse	Nom complet: receptor tyrosine kinase-like orphan receptor 1	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:300-1:1200
Isotype: IgG1	MW calculé 937 aa, 104 kDa	
Immunogen Catalog Number: AG14586	MW observés: 130 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain

Contrôles positifs:

WB : cellules A549, cellules HEK-293, cellules HeLa, cellules HepG2, cellules K-562, cellules NCI-H1299, cellules NIH/3T3

IHC : tissu de cancer du sein humain,

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

ROR1 is a member of the RTK family of orphan receptors related to muscle specific kinase and Trk neurotrophin receptors (PMID: 18546292). ROR1 is primarily expressed by neural crest cells during embryogenesis. High expression of ROR1 is reported in many types of malignancies and is thought to be involved in tumor growth, apoptosis, and epithelial-mesenchymal transition (PMID: 26245996). The human ROR1 gene encodes a 937-amino acid protein with an Ig-like domain, a cysteine-rich domain, a kringle domain, a tyrosine kinase domain and a proline-rich domain. The calculated molecular weight of ROR1 is 104 kDa, but ROR1 has multiple N-glycosylation sites that generate post-translationally modified ROR1 at 130 kDa (PMID: 24752542).

Publications notables

Autrice	Pubmed ID	Journal	Application
Mengqi Liu	34599596	Acta Biochim Biophys Sin (Shanghai)	WB,IHC
Wei Huang	37343369	Int Immunopharmacol	IHC

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

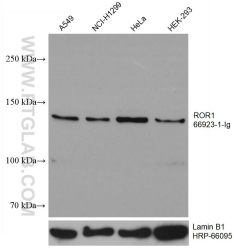
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

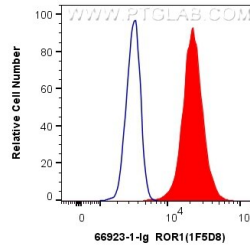
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

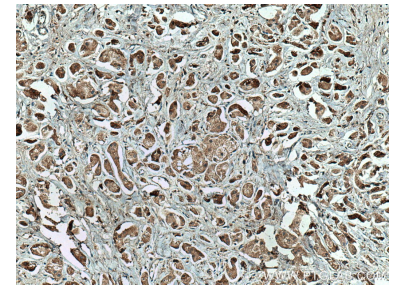
Données de validation sélectionnées



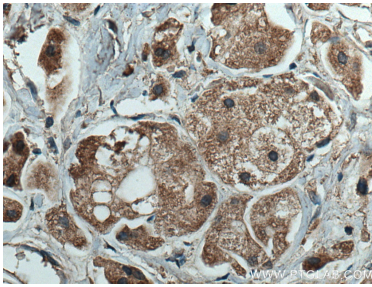
Various lysates were subjected to SDS PAGE followed by western blot with 66923-1-Ig (ROR1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control.



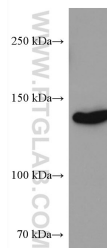
1×10^6 K-562 cells were intracellularly stained with 0.4 μ g Anti-Human ROR1 (66923-1-Ig, Clone:1F5D8) and CoraLite[®]488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 μ g Mouse IgG1 Isotype Control (MOPC-21) (65124-1-Ig, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66923-1-Ig (ROR1 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66923-1-Ig (ROR1 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 66923-1-Ig (ROR1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.