

## ROR2 Monoclonal antibody, PBS Only

Catalog Number: 67906-1-PBS

## Basic Information

## Catalog Number:

67906-1-PBS

## Size:

1 mg/ml

## Source:

Mouse

## Isotype:

IgG1

## Immunogen Catalog Number:

AG31197

## GenBank Accession Number:

BC130522

## GeneID (NCBI):

4920

## UNIPROT ID:

Q01974

## Full Name:

receptor tyrosine kinase-like orphan  
receptor 2

## Calculated MW:

943 aa, 105 kDa

## Observed MW:

105 kDa

## Purification Method:

Protein G purification

## CloneNo.:

1A12C5

## Applications

## Tested Applications:

WB, Indirect ELISA

## Species Specificity:

Human, Mouse, Rat

## Background Information

Tyrosine-protein kinase transmembrane receptor ROR2 belongs to the ROR family of receptor tyrosine kinases (RTKs) (PMID: 12815588). ROR2 is a developmentally regulated protein that has significant expression and roles in a wide variety of tissues during early embryonic development. It was established that ROR2 plays a key role in skeletal and neural organogenesis, as well as in midgut development in the mouse, but then becomes repressed in adult tissues. It may act as a receptor for wnt ligand WNT5A which may result in the inhibition of WNT3A-mediated signaling (PMID: 25614331). Mutations in the ROR2 gene are associated with autosomal recessive Robinow syndrome and autosomal dominant brachydactyly type B (PMID: 12815588).

## Storage

## Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

## Storage Buffer:

PBS Only

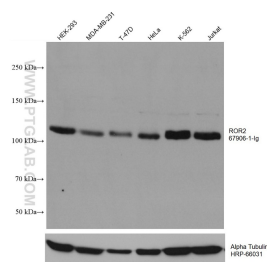
For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67906-1-Ig (ROR2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 67906-1-PBS in a different storage buffer formulation.