PRODUCT INFORMATION

Clone ID	151A5
Target	ROR1
Synonyms	ROR1;NTRKR1
Host Species	Rabbit
Description	Anti-ROR1 antibody(151A5), IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	Q01973
IgG type	Rabbit/Human Fc chimeric IgG1
Clonality	Monoclonal
Reactivity	Human
Applications	WB
Recommended Dilutions	WB 1/1000
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes a receptor tyrosine kinase-like orphan receptor that modulates neurite growth in the central nervous system. The encoded protein is a glycosylated type I membrane protein that belongs to the ROR subfamily of cell surface receptors. It is a pseudokinase that lacks catalytic activity and may interact with the non-canonical Wnt signalling pathway. This gene is highly expressed during early embryonic development but expressed at very low levels in adult tissues. Increased expression of this gene is associated with B-cell chronic lymphocytic leukaemia. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2012]
Usage	Research use only
Conjugate	Unconjugated
DIMA Disclaimer	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scr

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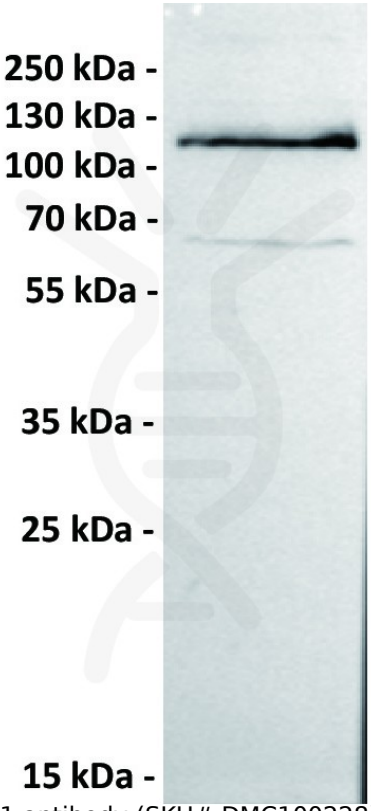

Figure 1.Anti-ROR1 antibody (SKU# DMC100228) at 1/1000 dilution

Lane : 293T-ROR1, whole cell lysate

Secondary : Goat Anti-Rabbit IgG H&L (HRP) at 1/5000 dilution

Predicted band size: 104 kDa
Observed band size: 110 kDa

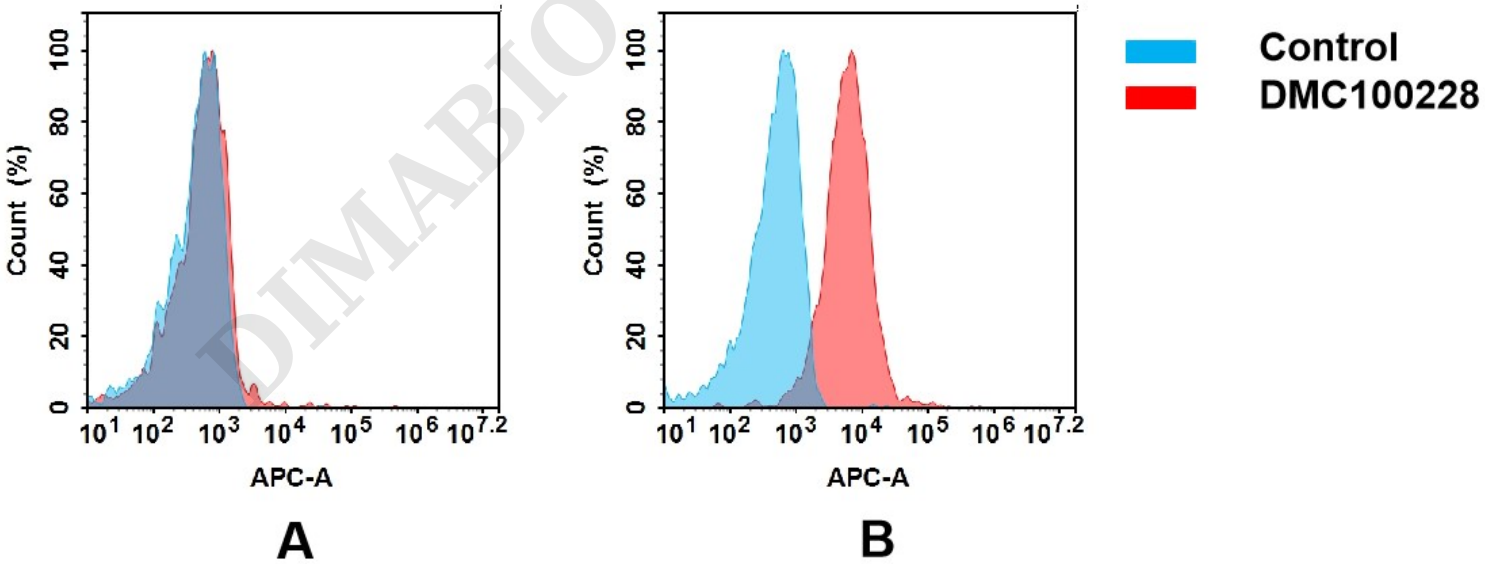

Figure 2. Flow cytometry analysis of antigen binding of anti-human ROR1 mAb(DMC100228).
(A) DMC100228 does not bind to CHO-S cells that do not express ROR1.
(B) A clear peak shift of DMC100228 was seen compared to the control when incubated with ROR1-expressing AGS cells, indicating strong binding of DMC100228 to ROR1. Antibodies were incubated at 5 μg/mL.

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