

Anti-ROR1 Polyclonal Antibody

Product Details

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| Ig Type: | IgG |
| Reactivity: | Human (predicted:Rat,Dog,Pig,Cow,Rabbit) |
| Molecular Weight: | Theoretical: 100 kDa. Actual: 130 kDa. |
| Purification: | Protein A purified |

Applications

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|--------------------|---|
| Sample: | A549 (Human) Cell Lysate at 30 µg 293T (Human) Cell Lysate at 30 µg MDA-MB-231 (Human) Cell Lysate at 30 µg |
| Verified Activity: | Primary: Anti-ROR1 (TMAB-12345) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 130 kD Observed band size: 130 kD |
| Application: | WB |
| Recommended | WB: 1:500-2000 |

Properties

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| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | KLH conjugated synthetic peptide: human ROR1 |
| Antigen Species: | Human |
| Gene ID: | 4919 |
| Uniprot ID: | Q01973 |

Research 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]

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