

Human ROR2 Antibody

Monoclonal Mouse IgG_{2A} Clone # 231509 Catalog Number: MAB20641

DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human ROR2 in direct ELISAs.		
Source	Monoclonal Mouse IgG _{2A} Clone # 231509		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse ROR2 Val28-Gly403 Accession # Q01974		
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.		

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Flow Cytometry	0.25 μg/10 ⁶ cells	See Below

Detection of ROR2 in SH-SY5Y Human Cell Line by Flow Cytometry. SH-SY5Y human neuroblastoma cell line was stained with Mouse Anti-Human ROR2 Monoclonal Antibody (Catalog # MAB20641, filled histogram) or isotype control antibody (Catalog # MAB003, open histogram) followed by Goat anti-mouse PE-conjugated secondary antibody (Catalog # F0102B). View our protocol for Staining Membrane-associated Proteins.

PREPARATION	ON AND	STORAGE

Reconstitution Reconstitute at 0.5 mg/mL in sterile PBS.

ShippingThe product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

ROR2 is a type I receptor tyrosine kinase important in chondrocyte, cartilage, and growth plate formation.