BOSTER BIOLOGICAL TECHNOLOGY
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Anti-WWOX Antibody Picoband® (monoclonal, 3D10) Fluoro550 Conjugated

Catalog Number: M01223-Fluoro550

About WWOX

WW domain-containing oxidoreductase is an enzyme that in humans is encoded by the WWOX gene. This gene encodes a member of the short-chain dehydrogenases/reductases (SDR) protein family. It spans the FRA16D common chromosomal fragile site and appears to function as a tumor suppressor gene. Expression of the encoded protein is able to induce apoptosis, while defects in this gene are associated with multiple types of cancer. Disruption of this gene is also associated with autosomal recessive spinocerebellar ataxia 12. Disruption of a similar gene in mouse results in impaired steroidogenesis, additionally suggesting a metabolic function for the protein. Alternative splicing results in multiple transcript variants.

Overview

Product Name	Anti-WWOX Antibody Picoband® (monoclonal, 3D10) Fluoro550 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
Clonality	Monoclonal 3D10
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Mouse
Uniprot ID	Q9NZC7

Technical Details

Immunogen	E. coli-derived human WWOX recombinant protein (Position: M1-D245).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG1
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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