

Anti-NDFIP2 Antibody Picoband® (monoclonal, 10D6D7) HRP Conjugated

Catalog Number: M08384-HRP

About NDFIP2

NEDD4 family-interacting protein 2 is a protein that in humans is encoded by the NDFIP2 gene. The NEDD4 family-interacting protein 1 (NDFIP1) belongs to a small group of evolutionarily conserved proteins with three transmembrane domains and is an integral Golgi membrane protein. It is a potential target for ubiquitination by the Nedd4 family of proteins. NDFIP1 is strongly expressed in surviving neurons following acute cortical brain injury, and overexpression in cultured cortical neurons increased survival following growth factor starvation, suggesting that NDFIP1 may play a role in neuronal survival. NDFIP1 and the related protein NDFIP2 are thought to interact with and regulate multiple components of the EGF and PTEN/Akt signaling pathways. Recent studies suggest that NDFIP1 may also play a role in Th17 differentiation by limiting the production of proinflammatory cytokines.

Overview

Product Name	Anti-NDFIP2 Antibody Picoband® (monoclonal, 10D6D7) HRP Conjugated
Reactive Species	Human
Application	WB, IHC, ELISA
Clonality	Monoclonal 10D6D7
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Mouse
Uniprot ID	Q9NV92

Technical Details

Immunogen	E.coli-derived human NDFIP2 recombinant protein (Position: M16-L336).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG2b
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP

Suggested Dilutions

Western blot, Optimal dilutions should be determined by end users.
Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users.
ELISA, Optimal dilutions should be determined by end users.

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