



Hi-Puri™ Mouse Anti-Human NRR1 Monoclonal antibody, clone 3L95 (DMAB-CDB25157)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	The NRR1 antibody was generated by phage display. This antibody bound highly specifically to its cognate receptor but not to any of the other receptors, measured by enzyme-linked immunosorbent assay (ELISA), surface plasmon resonance (SPR) and flow cytometry. This antibody bound with similar high affinities ($K_d = 1.3\text{--}3.1\text{ nM}$) to both the human and mouse sequences of only the targeted NRR.
Specificity	Bind to both human and mouse NRR1.
Target	Human/Mouse NRR1
Immunogen	Human/Mouse NRR1
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human, Mouse
Clone	3L95
Purification	>90% determined by SDS-PAGE
Conjugate	Unconjugated
Applications	Suitable for use in ELISA, SPR, IB. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid

Concentration	lot specific
Size	200 µg, 1 mg
Buffer	PBS (endotoxin < 1EU/mg, lower endotoxin levels may also be offered upon request)
Preservative	None
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles.
Ship	Dry ice

BACKGROUND

Introduction	The protein produced from the NOTCH1 gene has such diverse functions that the gene is considered both an oncogene and a tumor suppressor. Oncogenes typically promote cell proliferation or survival, and when mutated, they have the potential to cause normal cells to become cancerous.
Keywords	NOTCH1; Notch homolog 1; AOS5; TAN1; AOVD1; neurogenic locus notch homolog protein 1; NRR1