



Hi-Affi™ Recombinant Rabbit Anti-Human NRR1 Monoclonal antibody, clone 3L95 (DMAB-CDB25159)

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 ($K_d = 1.3-3.1\text{nM}$) 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 | Rabbit |
| Species Reactivity | Human, Mouse |
| Clone | 3L95 |
| Purification | >90% determined by SDS-PAGE |
| Conjugate | Unconjugated |
| Applications | <p>Suitable for use in ELISA, SPR, IB.</p> <p>Each laboratory should determine an optimum working titer for use in its particular application.</p> <p>Other applications have not been tested but use in such assays should not necessarily be excluded.</p> |

| | |
|----------------------|--|
| 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 |