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### Product Specification Sheet

**Product:** Affinity Purified Anti-Mouse Jagged-2 [Rabbit]

**Code:** 600-401-852

**Lot #:** 14752

**Size:** 100 µg

**Physical State:** Liquid (sterile filtered)

**Antibody Concentration:** 0.9 mg/ml (by UV absorbance at 280 nm)

**Buffer:** 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

**Stabilizer:** None

**Preservative:** 0.01% (w/v) Sodium Azide

**Storage Conditions:** Store vial at -20° C prior to opening. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Expiration date is one (1) year from date of opening.

**Application Note(s):** This affinity purified antibody has been tested for use in ELISA against the immunizing peptide. Reactivity in other immunoassays is unknown.

**Recommended Dilutions:** This product has been assayed by ELISA against 0.1 µg of the immunizing peptide. A 1:20,000 to 1:90,000 dilution of the antibody is recommended for this assay.

**Purity and Specificity:** This is an affinity purified antibody produced by immunoaffinity chromatography using the immunizing peptide after immobilization to a solid phase.

**Immunogen:** This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids 111-128 of Mouse Jagged-2. Jagged 2 is a Notch ligand, which shows distinct expression patterns in the developing and adult brain that overlaps that of Notch1. Swiss Prot accession Q9QYE5. Expected to cross-react with rat Jagged-2.

**Peptide sequence:** C-A-G-D-R-A-R-A-R-S-R-T-G-G-H-Q-D-P-G

**USDA Certification:** All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation.

**Note:** This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.