



## Certificate of Analysis

### Product Description

**Product:** Monoclonal antibody to human prorenin, biotin labeled

**Catalog Number:** IPREN4B5E3-BIO

**Description:** Biotin labeled inhibitory mouse monoclonal antibody directed to human prorenin (Patent Pending). This antibody recognizes and binds only to prorenin. It does not bind or otherwise interact with active renin. Blocks proteolytic conversion of prorenin to renin by catalytic amounts of trypsin (unpublished data). Binding epitope is within amino acid residues 30-43 (MARLGPEWSQPMKR) of prorenin. Strongly blots prorenin under non-reducing and reducing conditions. No cross reactivity with mouse or rat prorenin. Clone 4B5-E3. IgG2b class.

**Source:** Hybridoma cell culture

**Molecular Weight:** 160,000

### Sample Characteristics

**Lot Number:** SAMPLE

**Aliquot:** 1 x 0.1 mg

**Concentration:** 1.0 mg/ml

**Volume:** 0.1 ml

**Buffer:** 0.05M Sodium Phosphate; 0.1M NaCl; 1mM EDTA; pH 6.6

**Form:** Frozen liquid

### Shipping Information

**Recommended Storage:** -70 C

**Shipping Conditions:** Dry ice

**Minimum Shelf Life:** 5 years from delivery

For In Vitro laboratory use only



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**CAUTION TO USERS:** The values expressed in the attached Certificate of Analysis represent best efforts to provide accurate and reproducible data about the material. However, test methods and techniques for biologicals may produce variable results.