

## Mouse Anti-Rabbit Light Chain

Cat. No.	Form	Quantity
4060-01	Purified (UNLB) Antibody	0.5 mg
4060-04	Alkaline Phosphatase (AP) Conjugate	1.0 mL
4060-05	Horseradish Peroxidase (HRP) Conjugate	1.0 mL

### DESCRIPTION

<b>Clone</b>	SB62a
<b>Ig Isotype</b>	Mouse (BALB/c) IgG <sub>2b</sub> λ
<b>Immunogen</b>	Rabbit Light Chain
<b>Specificity</b>	Rabbit Light Chain

Mouse Anti-Rabbit Light Chain antibody (clone: SB62a) reacts with the light chain of native Rabbit IgG primary antibodies and does not bind to the reduced and denatured Rabbit IgG heavy chain band (50kD). By using our Mouse Anti-Rabbit Light Chain antibody, detection of antigens with molecular weights near 50kD is not obscured by large amounts of reduced and denatured Rabbit IgG heavy chains on the blots. If the antigen of interest has a reduced and denatured molecular weight near 25kD, Mouse Anti-Rabbit IgG (Cat. No. 4090-01, Clone: 2A9) may be used to detect the heavy chain of the Rabbit IgG primary antibody without binding to the 25kD band of reduced and denatured IgG Light Chains on Western Blots.

This antibody is not recommended for sensitive or quantitative detection of the reduced and denatured Rabbit Light Chains on Western Blots.

### RESEARCH APPLICATIONS

- ELISA
- Western Blot

### CHARACTERIZATION

To ensure acceptable performance, each batch of product is tested by ELISA to conform to characteristics of a standard reference reagent.

### WORKING DILUTIONS

<b>ELISA:</b>	UNLB	1μg/mL
	AP conjugate	1:2,000-1:4,000
	HRP conjugate	1:4,000-1:8,000

**Other Applications:** Since applications vary, investigators are advised to determine the optimum working dilution of the product that is appropriate for a specific need.

***For Research Use Only. Not for Diagnostic or Therapeutic Use.***

## HANDLING AND STORAGE

- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of 100 mM borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50mM Tris/1mM MgCl<sub>2</sub>/50% Glycerol, pH 8.0, containing 0.1% NaN<sub>3</sub> as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.

## WARNING

Reagents contain sodium azide which is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.