

**bs-4639R**

**[ Primary Antibody ]**

## Sodium alginate Rabbit pAb

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ANTIBODIES

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### — DATASHEET —

**Host:** Rabbit

**Isotype:** IgG

**Clonality:** Polyclonal

**Target:** Sodium alginate

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.  
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Alginic acid sodium is a gelling and nontoxic anionic polysaccharide. Alginic acid contains a carboxylic acid group on each repeat unit along the chain. When these groups are in the acid form, they interact with each other strongly through hydrogen bonding rendering the polymer insoluble in water. Converting them to the sodium salt however reduces the interactions between the polymer chains and the ionized polymer dissolves in water.

Chemical formula: (C<sub>6</sub>H<sub>7</sub>NaO<sub>6</sub>) x

CAS: 9005-38-3

MW: 216.12303

Boiling point: 495.2°C at 760 mmHg

**Applications:** ELISA (1:5000-10000)

**Reactivity:** (predicted: Alginic acid)

**Predicted MW.:** 0.216 kDa