
Sodium alginate Rabbit pAb

Catalog Number: bs-4639R

Target Protein: Sodium alginate

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: ELISA (1:5000-10000)

Reactivity: (predicted:Alginic acid)

Predicted MW: 0.216 kDa

Purification: affinity purified by Protein A

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: (C₆H₇NaO₆) x

CAS: 9005-38-3

MW: 216.12303

Boiling point: 495.2°C at 760 mmHg