

Anti-Thiophosphate ester Antibody (3J722)

Product Details

Ig Type:	IgG
Conjugation:	Unconjugated
Clone:	3J722
Purification:	ProA affinity purified

Applications

Application:	IP
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Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	Thiophosphate ester linked to KLH
Synonyms:	Thiophosphateester

Research Background

A thiophosphate (or phosphorothioate) is a family of compounds and anions with the general chemical formula $PS_4-xO_x^{3-x}$ ($x = 0, 1, 2, \text{ or } 3$). The state of protonation is usually not specified. They could be bound to as many as three protons for the neutral $H_3PS_4-xO_x$ species. Two protons correspond to the related monoanions, and one proton for the dianions. The trianions are highly basic and do not exist in appreciable concentrations in solution. Thiophosphates are tetrahedral anions, with the phosphorus at the center of the tetrahedron.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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