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12-8543: Anti-Influenza B Neuraminidase (Clone B14)

Clonality :	Monoclonal
Clone Name :	B14
Application :	ELISA
Isotype :	Mouse IgG2a
Immunogen Information :	Influenza B HK/73.

Description

Specificity
Mouse Monoclonal Antibody specific to Influenza B Neuraminidase

Background
Mechanism of Action: Influenza Neuraminidase
Neuraminidases are critical surface enzymes responsible for cleaving sialic acid groups from glycoproteins. In the context of the Influenza B virus, viral neuraminidase (NA) plays a pivotal role in the lifecycle of the pathogen. Structurally, Influenza neuraminidase is composed of four identical subunits arranged in a square tetramer, anchored to the virus surface by a long protein stalk. The enzyme's active sites are located in deep depressions on the upper surface, where they bind to polysaccharide chains and clip off terminal sugars.

Product Info

Amount :	500 µg
Purification :	Preparation: Purified by Protein G affinity chromatography
Content :	Concentration: Lot Specific Formulation: PBS, pH 7.4.
Storage condition :	This antibody is stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

Application Note

These antibodies may be used in immunoassays to detect and quantitate Influenza B neuraminidase and in neuraminidase inhibition assays.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.