

Datasheet for 200-301-EG0**Seasonal H1N1 Neuraminidase Antibody [10C5E11]****Overview**

Description:	Anti-Seasonal H1N1 Neuraminidase (MOUSE) Antibody - 200-301-EG0
Item No.:	200-301-EG0
Size:	100 µg
Applications:	ELISA
Reactivity:	Virus
Host Species:	Mouse

Product Details

Background:	Influenza A virus has one of sixteen possible hemagglutinin (HA) surface proteins and one of nine possible neuraminidase (NA) surface proteins. In early 2009, a novel H1N1 swine-origin influenza (S-OIV) A virus was identified in specimens obtained from patients in Mexico and the United States. The genetic make-up of this swine flu virus is unlike any other: it is an H1N1 strain that combines a triple assortment first identified in 1998 including human, swine, and avian influenza with two new pig H3N2 virus genes from Eurasia, themselves of recent human origin.
Synonyms:	Seasonal H1N1 Neuraminidase Antibody [10C5E11]
Host Species:	Mouse
Clonality:	Monoclonal
Clone ID:	[10C5E11]
Format:	IgG2b

Target Details

Gene Name:	NA
Reactivity:	Virus
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-neuraminidase antibody was produced in mice by repeated immunizations with a synthetic peptide from the seasonal influenza (H1N1) neuraminidase protein.

Purity/Specificity: Anti-Seasonal H1N1 Neuraminidase Monoclonal Antibody was Protein A purified. Cross reactivity with Seasonal H1N1 Neuraminidase [10C5E11] from other sources has not been determined.

Relevant Links:

- [UniProtKB - B1AGS8](#)
- [NCBI - ACA33620](#)

Application Details

Tested Applications: ELISA

Application Note: Anti-Seasonal H1N1 Neuraminidase Antibody has been tested for use in ELISA. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 52 kDa in Western Blots of specific cell lysates and tissues.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1 µg/mL

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1.0 mg/ml by UV absorbance at 280 nm

Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2

Preservative: 0.02% (w/v) Sodium Azide

Stabilizer: None

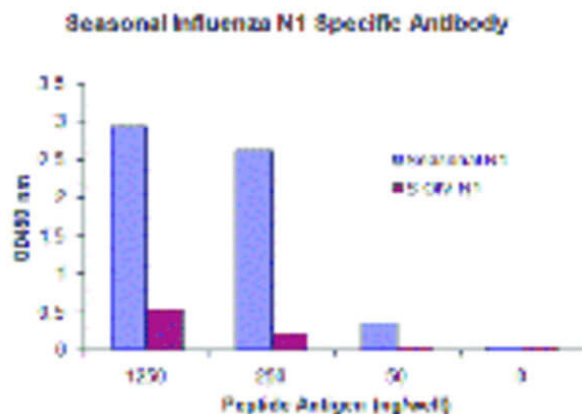
Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images



ELISA

ELISA of Mouse anti-A N1 antibody. Antigen: (H1N1) N1.

Primary antibody: Seasonal Influenza A N1 antibody. Does not recognize and Swine origin influenza A (S-OIV, H1N1) N1.

Secondary antibody: Peroxidase mouse secondary antibody.

Disclaimer

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