

Seasonal H1N1 Hemagglutinin Monoclonal Antibody

Catalog No: #26042



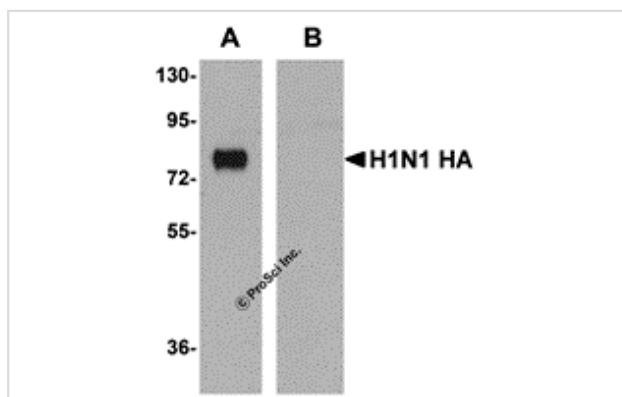
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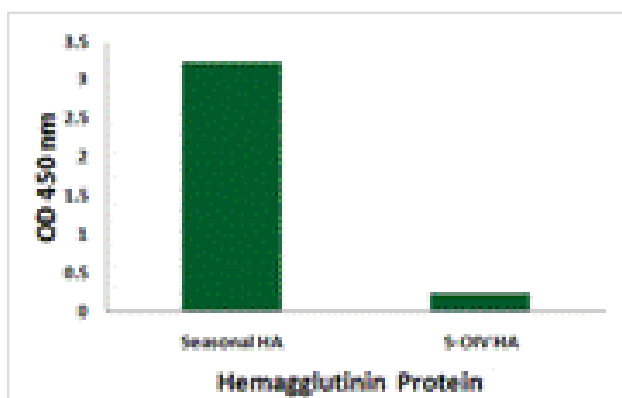
Description

Product Name	Seasonal H1N1 Hemagglutinin Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	mAb (Clone 7H12F6)
Purification	Immunoaffinity chromatography purified IgG
Applications	E WB
Species Reactivity	Virus
Immunogen Type	Peptide
Immunogen Description	Raised against a synthetic peptide from the Hemagglutinin protein.
Target Name	Seasonal H1N1 Hemagglutinin
Other Names	Seasonal Influenza A H1N1 Hemagglutinin (7H12F6): Common flu H1, flu H1, HA
Accession No.	ACA28844
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year.

Images



Recombinant seasonal Influenza HA (lane A) or swine-origin Influenza HA (lane B) were probed (1 ug/mL) using monoclonal seasonal Influenza A HA.



Seasonal Influenza A Hemagglutinin antibody (Cat. No. PM-5533; 2 ug/mL) recognizes seasonal influenza A (H1N1), but not swine-origin influenza A (S-OIV, H1N1), Hemagglutinin protein in ELISA.

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. This antibody is specific for the seasonal H1N1 influenza Hemagglutinin and will not recognize the corresponding Hemagglutinin sequence from the swine-origin H1N1 influenza (A/California/14/2009 (H1N1)).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.