

Influenza B virus Hemagglutinin (HA) antibody [1H12]

Cat. No. GTX00859

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IP, ELISA
Reactivity	Influenza B virus

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:1000
ICC/IF	1:100-1:200
IP	1:200
ELISA	Assay dependent

Not tested in other applications.

Product Note

This antibody reacted with HA protein of most of Influenza B virus isolates belonging to Victoria group tested (70/73 strains) and none of clinical 27 isolates belonging to Yamagata group as examined by PAP staining. However later test with IF staining it also reacts with some of Yamagata group strains like B/Florida/4/2006. However, note that HA changes during passages and may change reactivity to this antibody.
We do not recommend use of this product for Influenza A virus samples.

Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 50% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Human Influenza B Virus strain Nagasaki/1/87, one of the strains of B/Victoria group
Purification	Purified IgG From culture supernatant
Conjugation	Unconjugated



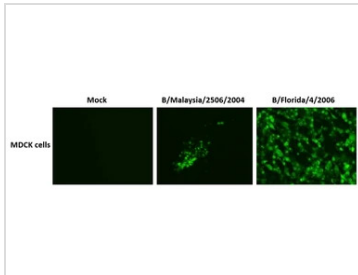
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

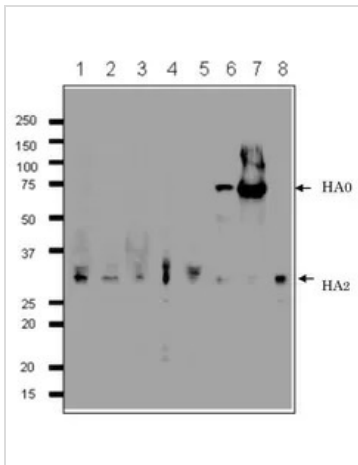


GTx00859 ICC/IF Image

ICC/IF analysis of MDCK cells were infected with various Influenza B Virus strains (B/Malaysia/2506/2004, B/Florida/4/2006 virus) using GTx00859 Influenza B Virus Hemagglutinin (HA) antibody [1H12].

Fixation : 4% PFA in PBS

Permeabilization : 0.1% Triton X-100 in PBS



GTx00859 WB Image

WB analysis of MDCK cells infected with various Influenza B virus strains using GTx00859 Influenza B Virus Hemagglutinin (HA) antibody [1H12]. This antibody recognizes an epitope on HA2 region.

Lane 1 : B/Mie/1/1993

Lane 2 : B/Johannes Burg/5/1999

Lane 3 : B/Florida/4/2006

Lane 4 : B/Lee/1940

Lane 5 : B/Florida/4/2006

Lane 6 : Shandong/7/97

Lane 7 : B/Malasia/2506/2004

Lane 8 : B/Massachusetts/2/2012

Dilution : 1:500



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