

Influenza B virus Hemagglutinin (HA) antibody [10B8]

Cat. No. GTX00860

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IP, ELISA, Hemagglutinin inhibition, Neutralizing/Inhibition
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
Hemagglutinin inhibition	Assay dependent
Neutralizing/Inhibition	Assay dependent

Not tested in other applications.

Product Note

This antibody reacted with HA protein of all Influenza B virus isolates belonging to Victoria group tested (73 strains) and none of clinical 27 isolates belonging to Yamagata group as examined by PAP staining. It also reacts with Victoria group vaccine strains; Shangdong/7/1997, Malasia/2506/2004. However, note that HA changes during passages and may change reactivity to this antibody. By western blotting, reactivity with B/Malasia/2506/2004 and B/Massachusetts/2/2012 was tested positive. 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



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Purification
Purified IgG
From culture supernant

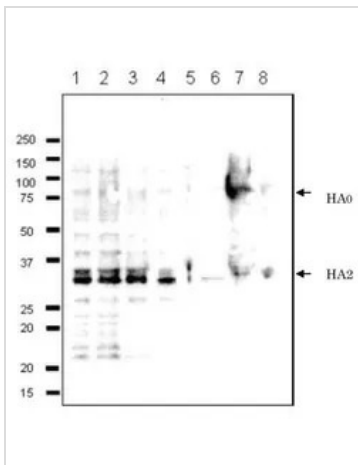
Conjugation
Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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



GTX00860 WB Image

WB analysis of MDCK cells infected with various Influenza B virus strains using GTX00860 Influenza B Virus Hemagglutinin (HA) antibody [10B8]. 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

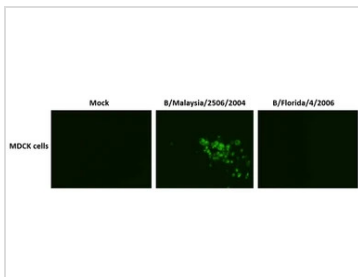
Lane 5 : B/Florida/4/2006

Lane 6 : Shandong/7/97

Lane 7 : B/Malasia/2506/2004

Lane 8 : B/Massachusetts/2/2012

Dilution : 1:500



GTX00860 ICC/IF Image

ICC/IF analysis of MDCK cells were infected with Influenza B virus (B/Malasia/2506/2004, B/Florida/4/2006) using GTX00860 Influenza B Virus Hemagglutinin (HA) antibody [10B8].

Fixation : 4% PFA in PBS

Permeabilization : 0.1% Triton X-100 in PBS



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