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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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

Cat No. GTX00860

| | |
|--------------------|--|
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG2a |
| Application | WB, ICC/IF, IP, ELISA, Hemagglutinin inhibition, Neutralizing/Inhibition |
| Reactivity | Influenza B virus |

Package
100 µg

APPLICATION

Application Note

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

| Suggested dilution | 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.

Specificity/Sensitivity

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.

PROPERTIES

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | Filter-sterilized PBS, 50% glycerol |
| 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 supernant |



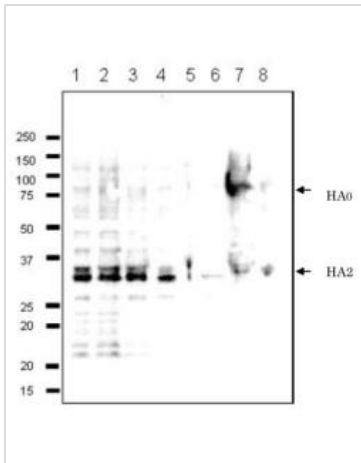
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Conjugation Unconjugated

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

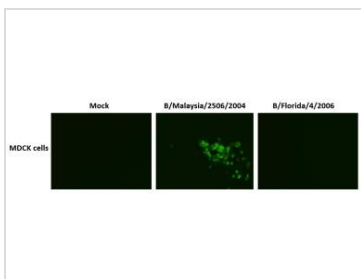
DATA IMAGES



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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