

# CERTIFICATE OF ANALYSIS

## MONOCLONAL ANTIBODIES

### Influenza A Mouse Monoclonal Antibody

|                 |                          |
|-----------------|--------------------------|
| <b>Code No.</b> | <b>BM411-D1C5</b>        |
| <b>Grade</b>    | <b>Affinity Purified</b> |
| <b>Lot No.</b>  |                          |

#### RECEIVER INFORMATION

**Expiry Date**

**Storage Temperature** 2-8°C

**Shipping Temperature** 2-8°C

#### PRODUCT INFORMATION

**Specificity** Antibody specifically detects *Influenza A* protein. H3N2 strains: A/Fin/65/69; A/Panama/2007/99; A/Hong Kong/4801/2014; Texas 1/77; A/Brisbane/10/07; A/Shanghai/11/87. H1N1 stains: A/Fin/98/78; A/New Caledonia/20/99; A/California/7/2009. There is no cross reactivity with *Adenovirus* and *Respiratory Syncytial Virus*

**Immunogen** Influenza A recombinant nucleoprotein

**Source** Cell culture

**BBI Solutions Clone No.** D1C5

**Application** This is a self-pairing antibody, so is recommended as both the Capture and Detection antibody in Lateral Flow and ELISA. Also, recommended for use in Western Blotting.

**Limit of Detection** This antibody has been shown to detect *Influenza A* recombinant nucleoprotein at a concentration of  $\geq 7$  ng/ml in an assay format. Please note antibody sensitivity is assay dependent.

**Isotype** IgG<sub>1</sub>

**Host** Mouse

**Purification** Protein A

**Presentation** Supplied liquid in a citrate buffer, pH6, containing 0.09% sodium azide.

#### HEALTH AND SAFETY

**Application** For in-vitro use and research or further processing only.

**Precaution** Potentially hazardous. For specific precautions, see Safety Data Sheet.

**Material Safety** For further information and technical details, please download a Safety Data Sheet at [www.bbisolutions.com](http://www.bbisolutions.com) or contact your BBI Account Manager.

## ANALYSIS

| TESTS | SPECIFICATIONS | RESULTS |
|-------|----------------|---------|
|-------|----------------|---------|

### Determination Method

Protein concentration by  
Optical Density at 280nm

≥ 0.5 mg/ml

mg/ml

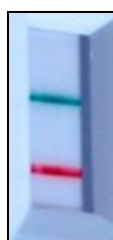
### Purity

Defined by a major band ≥ 95% using SDS- PAGE

### Lateral Flow testing

An example of BM411-D1C5 showing a positive reaction with  
*Influenza A* in a Lateral Flow test.

#### Flu A



← Control Line

← Test Line

|         |  |           |  |
|---------|--|-----------|--|
| Name:   |  | Position: |  |
| Signed: |  | Date:     |  |