

# CERTIFICATE OF ANALYSIS

## MONOCLONAL ANTIBODIES

### IGFBP1 Mouse Monoclonal Antibody

|                 |                          |
|-----------------|--------------------------|
| <b>Code No.</b> | <b>BM456-D2E6</b>        |
| <b>Grade</b>    | <b>Affinity Purified</b> |
| <b>Lot No.</b>  |                          |

#### RECEIVER INFORMATION

|                             |                                              |
|-----------------------------|----------------------------------------------|
| <b>Expiry Date</b>          |                                              |
| <b>Storage Temperature</b>  | 2-8°C (up to 1 year) below -15°C (long-term) |
| <b>Storage Notes</b>        | Avoid repeat freeze thaw cycles              |
| <b>Shipping Temperature</b> | 2-8°C                                        |

#### PRODUCT INFORMATION

|                                |                                                                                                            |
|--------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Specificity</b>             | Antibody detects Human Insulin like Growth Factor Binding Protein 1 (IGFBP1). C-terminal epitope.          |
| <b>Immunogen</b>               | Recombinant human IGFBP1 expressed in <i>E. coli</i>                                                       |
| <b>Source</b>                  | Ascites                                                                                                    |
| <b>BBI Solutions Clone No.</b> | D2E6                                                                                                       |
| <b>Application</b>             | Recommended as the Detection antibody in Sandwich ELISA and CLIA using BM456-H5F3 as the Capture antibody. |
| <b>Isotype</b>                 | IgG <sub>1</sub>                                                                                           |
| <b>Host</b>                    | Mouse                                                                                                      |
| <b>Purification</b>            | Protein G                                                                                                  |
| <b>Presentation</b>            | Supplied liquid in a 0.01M PBS buffer, pH7.2, containing 0.03% Proclin.                                    |

#### HEALTH AND SAFETY

|                        |                                                                                                                                                                                           |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>     | For in-vitro use and research or further processing only                                                                                                                                  |
| <b>Precaution</b>      | Potentially hazardous                                                                                                                                                                     |
| <b>Material Safety</b> | For further information and technical details, please download a Safety Data Sheet at <a href="http://www.bbisolutions.com">www.bbisolutions.com</a> or contact your BBI Account Manager. |

## ANALYSIS

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

### Determination Method

Protein concentration by  
Optical Density at 280nm.

≥ 0.5 mg/ml

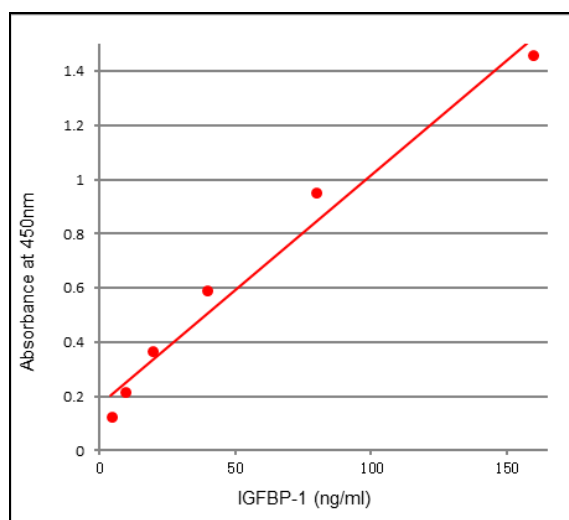
mg/ml

### Purity

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

### Sandwich ELISA

Chart shows example Sandwich ELISA using BM456-H5F3 as the Capture antibody and BM456-D2D6 as the Detection antibody. IGFBP-1 in IGFBP-1-free vaginal fluid secretions was used as the standard.



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