

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

HIV2 (GP36) mouse monoclonal antibody

Code no.	BM375-D1C3
Grade	Affinity Purified
Lot no.	AI0357c

RECEIVER INFORMATION

Expiry Date	20 th Jan 2017
Manufactured Date	20 th Jan 2015
Storage Temperature	2-8 °C (up to 1 month) below -15°C (long term)
Storage Notes	Avoid repeat freeze thaw cycles
Shipping Temperature	2-8°C

PRODUCT INFORMATION

Specificity	Antibody specifically detects human HIV 2(GP36).
Immunogen	Synthetic HIV-2 peptide.
Source	Cell Culture.
BBI Solutions clone no.	D1C3
Application	Tested in Western Blot. Other applications have not been tested.
Isotype	IgG
Host	Mouse
Purification	Protein A
Presentation	Single homogenous batch, 0.2µM filtered, supplied liquid in a 20mM Phosphate, 150mM NaCl PBS buffer, pH7.4 containing 0.09% sodium azide.
Purity	≥ 90%.

HEALTH AND SAFETY

Application	For in-vitro use and research or further processing only.
Precaution	Potentially hazardous, refer to safety data sheet for general precautions. Refer to Material safety data sheet for specific information.

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
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Determination method:

Protein Concentration by
Optical Density at 280nm using
 $E_{1\%,1\text{cm}} = 1.38$

>0.5 mg/ml

1.08 mg/ml

Western Blot: AI0357c was tested against recombinant HIV2 GP36 Antigen.

Figure 1 Western Blot analysis of HIV2 GP36 reaction with monoclonal mouse anti HIV2 (GP36) mAb Lot: AI0357c

1* Antibody Dilution = 1:5000

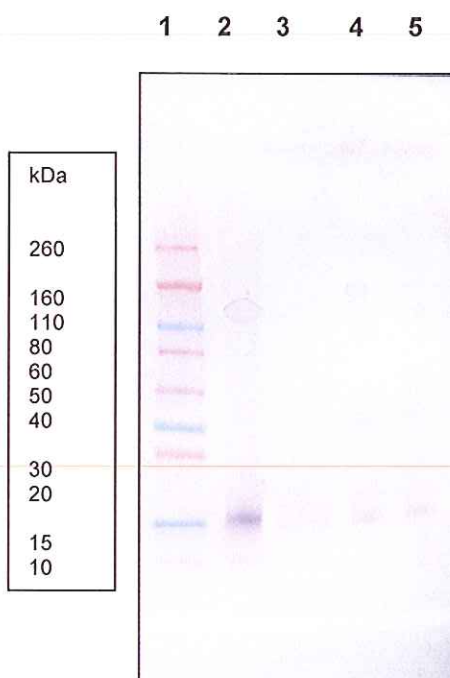
Lane 1 Standard

Lane 2 HIV2 GP36 Non reduced @ 200µg/ml.

Lane 3 HIV2 GP36 Reduced @ 200µg/ml.

Lane 4 HIV2 GP36 Non reduced @ 100µg/ml.

Lane 5 HIV2 GP36 Reduced @ 100µg/ml.



Name:	Laura Butler	Position:	QA Associate
Signed:	<i>L. Butler</i>	Date:	29 th January 2015