

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

Calprotectin Mouse Monoclonal Antibody

Code No.	BM410-D5F9
Grade	Affinity Purified
Lot No.	

RECEIVER INFORMATION

Expiry Date

Storage Temperature 2-8°C

Shipping Temperature 2-8°C

PRODUCT INFORMATION

Specificity	Antibody detects human Calprotectin. No cross reactivity with human, bovine and pig haemoglobin, human, bovine and pig transferrin and human and bovine lactoferrin.
Immunogen	Recombinant human Calprotectin protein
Source	Cell Culture
BBI Solutions Clone No.	D5F9
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 assays.
Limit of Detection	This antibody has been shown to detect Calprotectin recombinant protein, at a concentration of ≥ 50 ng/ml, in an assay format. Please note antibody sensitivity is assay dependent.
Isotype	IgG ₁
Host	Mouse
Purification	Protein A
Presentation	Supplied liquid in a PBS buffer, pH 7.4, 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 or contact your BBI Account Manager.

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
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Determination Method

Protein concentration by
Optical Density at 280nm

≥ 0.5 mg/ml

mg/ml

Purity

Defined by a major band $\geq 95\%$ using SDS-PAGE

Lateral Flow testing

An example of BM410-D1F9 showing a positive reaction with Calprotectin recombinant protein in a Lateral Flow test.

Calprotectin



← Control Line

← Test Line

Name:		Position:	
Signed:		Date:	