



DISCOVERY®  
ANTIBODIES

## Data Sheet

### Alexa Fluor® 488 Anti- $\beta$ -actin antibody

Product Description	Alexa Fluor® 488 Anti- $\beta$ -actin antibody corresponding to a region within the human $\beta$ -Actin protein sequence
Catalogue Number	crb2115000e
Batch Number	crb001 Rabbit 5031
Host Species	Rabbit Polyclonal IgG
Conjugation	Labelled with Alexa Fluor® 488 under optimal conditions. Ex: 495nm Em:519nm
Degree of Labelling	Eight (8) Alexa Fluor® 488 dye molecules per one (1) molecule IgG
Cross reactivity	Human, rabbit, mouse (predicted rat, chicken)
Antigen	KLH conjugated synthetic peptide crb1200274e
Formulation & Storage	Supplied in PBS containing 0.01% sodium azide. The product should be stored undiluted and protected from prolonged exposure to light. Short term storage between 2-8°C and long term storage below -20°C
Quantity	50 $\mu$ g at 0.98mg/ml
Method of Preparation	Crude antiserum was purified by affinity chromatography using peptide specific antigen
Analysis	Screened by ELISA to ensure binding capacity is not affected by Alexa Fluor® 488 conjugation
References	Tondeleir <i>et al.</i> (2012) <i>Mol. Cell. Proteomics</i> . <b>11</b> (8):255–271 Leavitt <i>et al.</i> (1984) <i>Mol. Cell. Biology</i> . <b>4</b> (10):1961-1969
Research Use	For research use only, not for use in diagnostic procedures



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### Alexa Fluor® 488 Anti-β-actin antibody

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Certified by

*Natasha Lethbridge*

Date: 21<sup>st</sup> Feb 2017

#### Material Safety Data

#### THIS PRODUCT IS FOR RESEARCH USE ONLY AND IS NOT INTENDED FOR DIAGNOSTIC, THERAPEUTIC OR HUMAN USE

It is recommended that this material be handled by persons trained in laboratory techniques. Standard Laboratory Practices should be followed when handling this material.

The toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation and ingestion. In case of contact with skin or eyes, wash immediately with water. In case of ingestion or inhalation, medical advice should be sought.

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