

Datasheet for ABIN1696160
anti-Citrulline antibody (AbBy Fluor® 488)



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Overview

Quantity:	100 µL
Target:	Citrulline (CIT)
Reactivity:	Please inquire
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Citrulline antibody is conjugated to AbBy Fluor® 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated L-Citrulline
Isotype:	IgG
Cross-Reactivity (Details):	L-Citrulline
Purification:	Purified by Protein A.

Target Details

Target:	Citrulline (CIT)
Alternative Name:	L-Citrulline (CIT Products)
Target Type:	Amino Acid
Background:	Synonyms: L-2-Amino-5-ureidovaleric Acid, S-2-Amino-5-ureidopentanoic Acid.

Target Details

Background: The amino acid Citrulline is required to detoxify the liver from ammonia, which is a waste product of the body from oxidation. Citrulline promotes energy and assists with the immune system. This unusual amino acid is formed in the urea cycle by the addition of carbon dioxide and ammonia to ornithine. It is then combined with aspartic acid to form arginosuccinic acid, which later is metabolized into the amino acid arginine.

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months