

Datasheet: MCA5363Z

Description:	MOUSE ANTI HUMAN TISSUE TRANSGLUTAMINASE:Preservative Free
Specificity:	TISSUE TRANSGLUTAMINASE
Other names:	TTG
Format:	Preservative Free
Product Type:	Monoclonal Antibody
Clone:	2F4
Isotype:	IgG2a
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	■			0.1 - 10 ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	Ig concentration 0.5 mg/ml
Immunogen	Recombinant protein corresponding to aa 1-120 of human Tissue transglutaminase.
External Database Links	<p>UniProt: P21980 Related reagents</p> <p>Entrez Gene: 7052 TGM2 Related reagents</p>

Fusion Partners	Spleen cells from BALB/c mice were fused with cells from the Sp2/0 myeloma cell line.
Specificity	<p>Mouse anti Human Tissue transglutaminase antibody, clone 2F4 recognizes human Protein-glutamine gamma-glutamyltransferase 2, also known as tissue transglutaminase, transglutaminase C, transglutaminase H or transglutaminase-2. Tissue transglutaminase is a 686 amino acid ~95 kDa protein crosslinking agent.</p> <p>Three isoforms generated by alternative splicing have been described. Mouse anti Human Tissue transglutaminase antibody, clone 2F4 binds all described isoforms all carrying the complete unaltered immunogen sequence used to generate clone 2F4.</p>
Storage	<p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Shelf Life	18 months from date of despatch.
Health And Safety Information	<p>Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10162 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight@488 , DyLight@549 , DyLight@649 , DyLight@680 , DyLight@800 , FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight@800
Goat Anti Mouse IgG (STAR70...)	FITC
Human Anti Mouse IgG2a (HCA037...)	FITC , HRP

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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Printed on 15 Jan 2018

