

Datasheet: MCA6362

BATCH NUMBER 157625

Description:	RABBIT ANTI FOXP1
Specificity:	FOXP1
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RM402
Isotype:	IgG
Quantity:	0.1 ml

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	▪			1/100 - 1/200
Western Blotting	▪			1/1000 - 1/2000

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

Species Cross Reactivity

Based on sequence similarity, is expected to react with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Purified IgG prepared by affinity chromatography on Protein A from animal origin-free culture supernatant

Buffer Solution

Phosphate buffered saline

Preservative

0.09% Sodium Azide

Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	A peptide corresponding to residues near the C-terminus of human Foxp1. This antibody may also react to mouse or rat Foxp1, as predicted by immunogen homology.
External Database Links	<p>UniProt: Q9H334 Related reagents</p> <p>Entrez Gene: 27086 FOXP1 Related reagents</p>
Specificity	<p>Rabbit anti Foxp1 antibody recognizes forkhead box protein P1, also known as Mac-1-regulated forkhead and MFH.</p> <p>FOXP1 is a transcriptional repressor belongs to a family of widely-expressed winged-helix transcription factors involved with cell cycle progression, differentiation, and apoptosis (Sheng et al. 2018). It is also involved with embryonic stem cell pluripotency, development of T and B cells, and proliferation of cardiomyocytes, among other functions (Li et al. 2017). Haploinsufficiency in the FOXP1 gene leads to FOXP1 syndrome, a neurodevelopmental disorder characterized by global developmental delay, intellectual disability, and other features (Siper et al. 2017). FOXP1 has been reported to function as a tumor suppressor or an oncogene in different cancers, depending on cellular context. In B cell lymphoma, for example, FOXP1 behaves as an oncogene and correlates with worse outcome. In lung cancer, loss of FOXP1 is associated with worse outcome (Choi et al. 2015).</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. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10048 available at: 10048: https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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