

Datasheet: VMA00294

Description:	MOUSE ANTI CHAF1B
Specificity:	CHAF1B
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Clone:	OT12D5
Isotype:	IgG1
Quantity:	100 µl

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
Western Blotting	▪			1/1000

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography from ascites
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	Full length recombinant human CHAF1B (NP_005432) produced in HEK293T cells
External Database Links	UniProt: Q13112 Related reagents Entrez Gene: 8208 CHAF1B Related reagents
Synonyms	CAF1A, CAF1P60, MPHOSPH7, MPP7

Specificity **Mouse anti Human CHAF1B antibody** recognizes the chromatin assembly factor 1 subunit B (CHAF1B), also known as CAF-1 subunit B, CAF-I 60 kDa subunit, CAF-I p60, M-phase phosphoprotein 7, chromatin assembly factor 1 subunit B and chromatin assembly factor-I p60 subunit.

Chromatin assembly factor 1 (CAF1) is required for the assembly of histone octamers onto newly-replicated DNA. CAF1 is composed of three protein subunits, p50, p60, and p150. Encoded by the CHAF1B gene, chromatin assembly factor 1 subunit B corresponds to the p60 subunit and is required for chromatin assembly after replication. Chromatin assembly factor 1 subunit B is differentially phosphorylated in a cell cycle-dependent manner. In addition, it is normally found in the nucleus except during mitosis, when it is released into the cytoplasm. This protein is a member of the WD-repeat HIR1 family and may also be involved in DNA repair (provided by RefSeq, Jul 2008).

Mouse anti Human CHAF1B antibody detects a band of 70 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti CHAF1B detects a band of approximately 70 kDa in Jurkat cell lysates

Instructions For Use Please refer to the [PrecisionAb western blotting protocol](#). For additional information on secondary antibody dilution and exposure time see product web page.

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee As supplied, 12 months from date of despatch.

Acknowledgements PrecisionAb™ is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet documentation #10048 available at: Antibody (10048): <https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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