

Mouse anti-Human ZW10 Monoclonal Antibody | anti-ZW10 antibody

Mouse monoclonal antibody Anti-Human ZW10

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36435	Mouse	Human	Western Blot, Immunoprecipitation, Immunocytochemistry, Dot Blot

PRODUCT SYNONYMS

ZW10; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human ZW10; Homo sapiens ZW10; kinetochore associated; homolog (Drosophila) (ZW10); HZW10; KNTC1AP; MGC149821; anti-ZW10 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3363C4a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	2964
Applicable Applications for anti-ZW10 antibody	WB (Western Blot), IP (Immunoprecipitation), ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



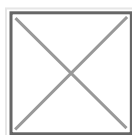
ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-ZW10 mAb. [Lot No. 3363C4a-1]



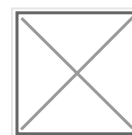
IP (Immunoprecipitation)

Immunoprecipitation: RIPA lysate of HeLa cells was incubated with anti-ZW10 mAb. [Lot No. 3363C4a-1] Predicted molecular weight: 88 kDa



WB (Western Blot)

Detection of ZW10 by Western blot. Samples: Whole cell lysate from human HeLa (H, 25 ug), mouse NIH3T3 (M, 25 ug) and rat F2408 (R, 25 ug) cells. [Lot No. 3363C4a-1] Predicted molecular weight: 88 kDa



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-ZW10 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ZW10 antibody

The interaction with Sm proteins inhibits their assembly on U RNA and interferes with snRNP biogenesis. Inhibits the binding of survival motor neuron protein (SMN) to Sm proteins. May participate in cellular volume control by activation of a swelling-induced chloride conductance pathway. [UniProtKB Function]

NCBI AND UNIPROT INFORMATION

NCBI GI #	342837718
NCBI GeneID	9183
NCBI Accession #	NP_004715.1
NCBI GenBank Nucleotide #	NM_004724
Molecular Weight	76,807 Da
NCBI Official Full Name	Homo sapiens zw10 kinetochore protein (ZW10), mRNA
NCBI Official Synonym Full Names	zw10 kinetochore protein
NCBI Official Symbol	ZW10
NCBI Official Synonym Symbols	HZW10; KNTC1AP
NCBI Protein Information	centromere/kinetochore protein zw10 homolog; ZW10 homolog, centromere/kinetochore protein; ZW10, kinetochore associated, homolog; zeste white 10 homolog
UniProt Protein Name	Centromere/kinetochore protein zw10 homolog
UniProt Gene Name	ZW10
UniProt Entry Name	ZW10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/zw10-antibody-clone-3363c4a-western-blot-immunoprecipitation-immunocytochemistry-dot-blot-elisa/36435>