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Datasheet for ABIN522646
anti-ZW10 antibody (AA 1-100)

3 Images

Overview

Quantity:	100 µg
Target:	ZW10
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ZW10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant ZW10.
Immunogen:	ZW10 (NP_004715, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	masfvtevla hsglrkedl gtrslrtrr veeikgevcn miskkysefl psmqsaagli tqvdksedi dllksriese vrrdlhvstg efdllkqql
Clone:	2E5
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	ZW10
Alternative Name:	ZW10 (ZW10 Products)
Background:	Full Gene Name: ZW10, kinetochore associated, homolog (Drosophila) Synonyms: HZW10,KNTC1AP,MGC149821
Gene ID:	9183
NCBI Accession:	NM_004724

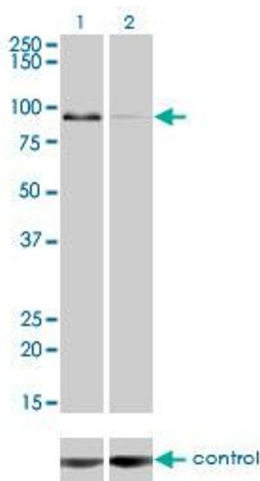
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

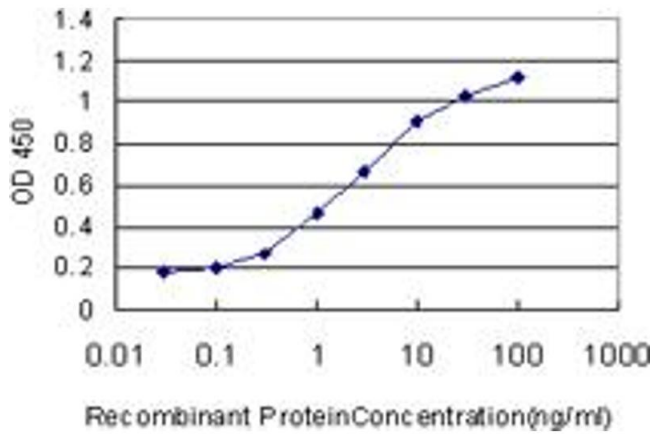
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



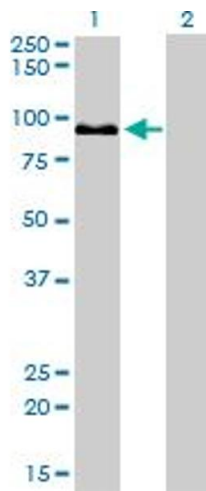
Western Blotting

Image 1. Western blot analysis of ZW10 over-expressed 293 cell line, cotransfected with ZW10 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with ZW10 monoclonal antibody (M05), clone 2E5. GAPDH (36.1 kDa) used as specificity and loading control.



ELISA

Image 2. Detection limit for recombinant GST tagged ZW10 is approximately 0.1 ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot analysis of ZW10 expression in transfected 293T cell line by ZW10 monoclonal antibody (M05), clone 2E5.

Lane 1: ZW10 transfected lysate(88.8 KDa).

Lane 2: Non-transfected lysate.