



# Rho H Monoclonal Antibody

<b>Catalog No</b>	BYmab-16244
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	RhoH
<b>Protein Name</b>	Rho-related GTP-binding protein RhoH
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RhoH. AA range:141-190
<b>Specificity</b>	Rho H Monoclonal Antibody detects endogenous levels of Rho H protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	RHOH; ARHH; TTF; Rho-related GTP-binding protein RhoH; GTP-binding protein TTF; Translocation three four protein
<b>Observed Band</b>	21kD
<b>Cell Pathway</b>	Cytoplasm . Cell membrane ; Lipid-anchor ; Cytoplasmic side . Colocalizes together with ZAP70 in the immunological synapse. .
<b>Tissue Specificity</b>	Expressed only in hematopoietic cells. Present at very high levels in the thymus, less abundant in the spleen, and least abundant in the bone marrow. Expressed at a higher level in the TH1 subtype of T-helper cells than in the TH2 subpopulation. Expressed in neutrophils under inflammatory conditions, such as cystic fibrosis, ulcerative colitis and appendicitis.
<b>Function</b>	disease:A chromosomal aberration involving RHOH is found in a non-Hodgkin lymphoma cell line. Translocation t(3;4)(q27;p11) with BCL6.,similarity:Belongs to the small GTPase superfamily. Rho family.,tissue specificity:Transcribed only in hemopoietic cells.,
<b>Background</b>	The protein encoded by this gene is a member of the Ras superfamily of guanosine triphosphate (GTP)-metabolizing enzymes. The encoded protein is

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expressed in hematopoietic cells, where it functions as a negative regulator of cell growth and survival. This gene may be hypermutated or misexpressed in leukemias and lymphomas. Chromosomal translocations in non-Hodgkin's lymphoma occur between this locus and B-cell CLL/lymphoma 6 (BCL6) on chromosome 3, leading to the production of fusion transcripts. Alternative splicing in the 5' untranslated region results in multiple transcript variants that encode the same protein. [provided by RefSeq, May 2013],

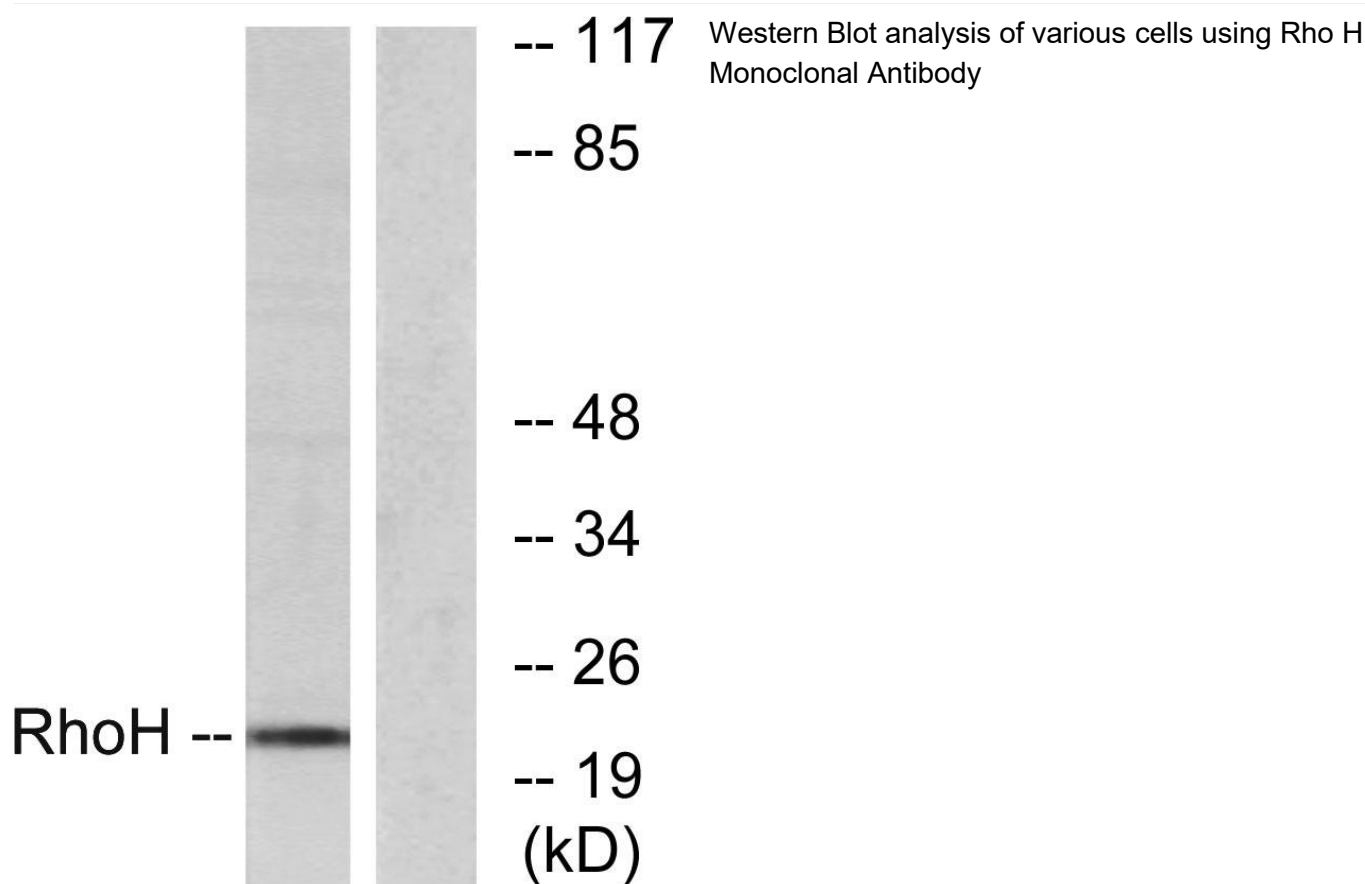
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



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