

# Product Datasheet

## RUVBL1 Antibody (3G4-1F8) - Azide and BSA Free H00008607-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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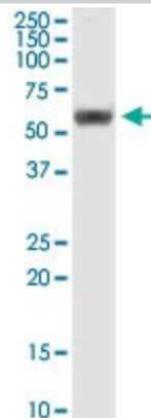
**H00008607-M01**

RUVBL1 Antibody (3G4-1F8) - Azide and BSA Free

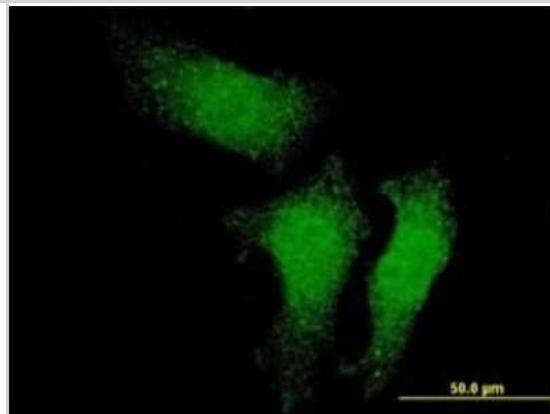
Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3G4-1F8
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
Product Description	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	8607
<b>Gene Symbol</b>	RUVBL1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	RUVBL1 - RuvB-like 1 (E. coli)
<b>Immunogen</b>	RUVBL1 (AAH02993, 1 a.a. ~ 456 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MKIEEVKSTTKTQRIASHSHVKGLGLDESLAKQAASGLVGQENAREACGVIVE LIKSKMAGRAVLLAGPPGTGKTALALAIQELGSKVPFCPMVGSEVYSTEIKKT EVLMEFRRAIGLRIKETKEVYEGEVTETPCETENPMGGYGKTISHVIIGLKTA KGTKQLKLDPSIFESLQKERVEAGDVIIYEANSGAVKRQGRCDTYATEFDLEAE EYVPLPKGDVHKKKEIIQDVTLHDLVDANARPQGGQDILSMMGQLMKPKKTEIT DKLRGEINKVVNKYIDQGIAELVPGVLFVDEVHMLDIECFTYLHRALESSIPIVIF ASNRGNCVIRGTEDITSPHGIPLDLLDRVMIIRTMLYTPQEMKQIKIRAQTEGINI SEEALNHLGEIGTKTTLRYSVQLLTPANLLAKINGKDSIEKEHVEEISELFYDAKS SAKILADQQDKYMK
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Proximity Ligation Assay
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Proximity Ligation Assay
<b>Application Notes</b>	Antibody reactivity against recombinant protein with GST tag on ELISA and WB. GST tag alone is used as a negative control. It has been use for IF.

## Images

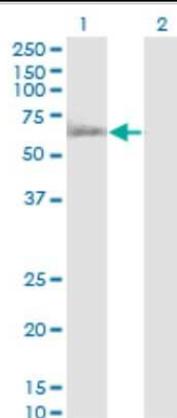
Western Blot: RUVBL1 Antibody (3G4-1F8) [H00008607-M01] - RUVBL1 monoclonal antibody (M01), clone 3G4-1F8. Analysis of RUVBL1 expression in human pancreas.



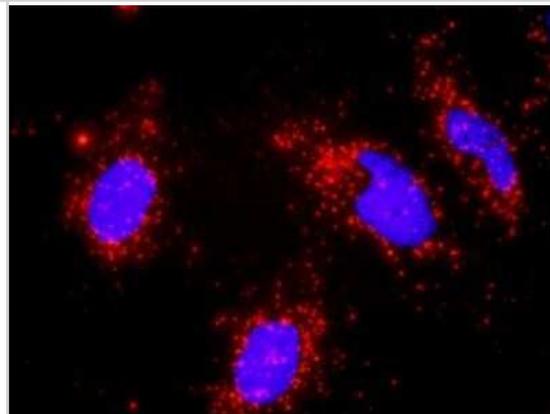
Immunocytochemistry/Immunofluorescence: RUVBL1 Antibody (3G4-1F8) [H00008607-M01] - Analysis of monoclonal antibody to RUVBL1 on HeLa cell. Antibody concentration 10 ug/ml.



Western Blot: RUVBL1 Antibody (3G4-1F8) [H00008607-M01] - Analysis of RUVBL1 expression in transfected 293T cell line by RUVBL1 monoclonal antibody (M01), clone 3G4-1F8. Lane 1: RUVBL1 transfected lysate (Predicted MW: 50.2 KDa). Lane 2: Non-transfected lysate.



Proximity Ligation Assay: RUVBL1 Antibody (3G4-1F8) [H00008607-M01] - Analysis of protein-protein interactions between MAP3K7 and RUVBL1. HeLa cells were stained with anti-MAP3K7 rabbit purified polyclonal 1:1200 and anti-RUVBL1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



ELISA: RUVBL1 Antibody (3G4-1F8) [H00008607-M01] - Detection limit for recombinant GST tagged RUVBL1 is approximately 0.3ng/ml as a capture antibody.



## Publications

Baron BW, Baron RM, Baron JM. The Relationship between RUVBL1 (Pontin, TIP49, NMP238) and BCL6 in Benign and Malignant Human Lymphoid Tissues. *Biochem Biophys Res Commun* 2016-02-10 [PMID: 27066592]

Kaji K, Fertig N, Medsger TA Jr et al. Autoantibodies to RuvBL1 and RuvBL2: A novel systemic sclerosis-related antibody associated with diffuse cutaneous and skeletal muscle involvement. *Arthritis Care Res (Hoboken)*. 2013-09-10 [PMID: 24023044]





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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-50845-0.1mg	Recombinant Human RUVBL1 His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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