Datasheet for ABIN953261

anti-LYRM4 antibody (Middle Region)

3 Images

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Overview

Quantity:	0.4 mL
Target:	LYRM4
Binding Specificity:	AA 46-73, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LYRM4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 46-73 amino acids from the Central region of human LYRM4
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human LYRM4 (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	LYRM4
Alternative Name:	LYRM4 (LYRM4 Products)

Target Details

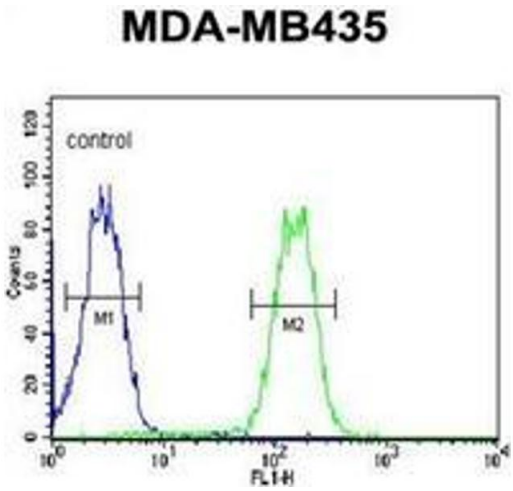
Background:	Required for nuclear and mitochondrial iron-sulfur protein biosynthesis.Synonyms: C6orf149, ISD11, LYR motif-containing protein 4
Molecular Weight:	10758 Da
Gene ID:	57128
NCBI Accession:	NP_065141

Application Details

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

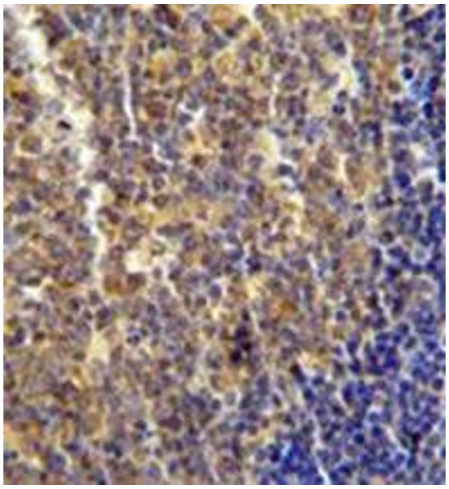
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



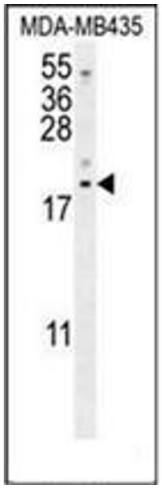
Flow Cytometry

Image 1. Flow cytometric analysis of MDA-MB435 cells using LYRM4 Antibody (Center) Cat.-No AP52570PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue reacted with LYRM4 Antibody (Center) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining.



Western Blotting

Image 3. Western blot analysis of LYRM4 Antibody (Center) in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the LYRM4 antibody detected the LYRM4 protein (arrow).