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Datasheet for ABIN518149  
**anti-MYL1 antibody (AA 1-80)**

5 Images

Overview

Quantity:	100 µg
Target:	MYL1
Binding Specificity:	AA 1-80
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MYL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant MYL1.
Immunogen:	MYL1 (NP_524146, 1 a.a. ~ 80 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MSFSADQIAE FKEAFLLFDR TGDSKITLSQ VGDVLRALGT NPTNAEVRKV LGNPSNEELN AKKIEFEQFL PMMQAISNNK
Clone:	2D9
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	MYL1
Alternative Name:	MYL1 ( <a href="#">MYL1 Products</a> )
Background:	Full Gene Name: myosin, light chain 1, alkali, skeletal, fast Synonyms: MLC1F,MLC3F
Gene ID:	4632
NCBI Accession:	<a href="#">NM_079422</a>

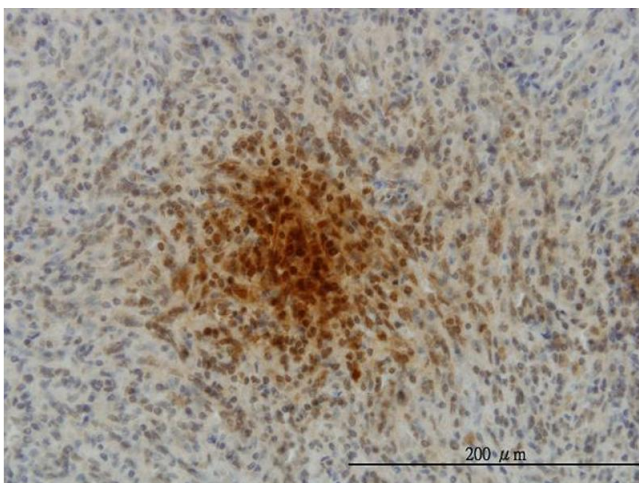
## Application Details

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

## Handling

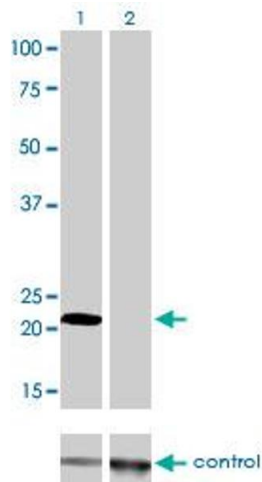
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



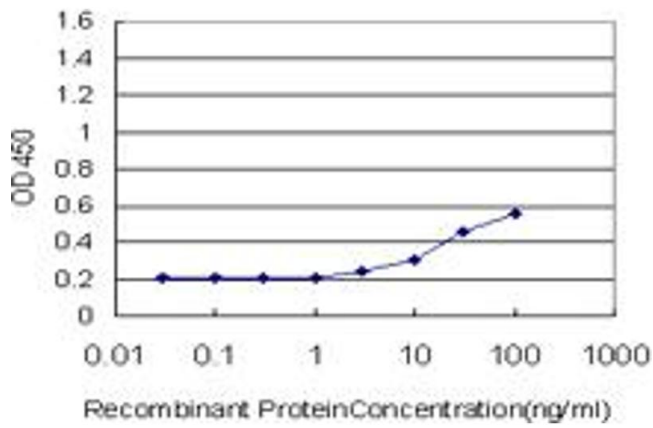
### Immunostaining

**Image 1.** Immunoperoxidase of monoclonal antibody to MYL1 on formalin-fixed paraffin-embedded human spleen. [antibody concentration 3 ug/ml]



### Western Blotting

**Image 2.** Western blot analysis of MYL1 over-expressed 293 cell line, cotransfected with MYL1 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with MYL1 monoclonal antibody (M01), clone 2D9. GAPDH ( 36.1 kDa ) used as specificity and loading control.



### ELISA

**Image 3.** Detection limit for recombinant GST tagged MYL1 is approximately 3ng/ml as a capture antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN518149.