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Datasheet for ABIN563954

anti-ATG12 antibody (AA 1-74)

2 Images

Overview

Quantity:	100 µg
Target:	ATG12
Binding Specificity:	AA 1-74
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ATG12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant ATG12.
Immunogen:	ATG12 (AAH11033, 1 a.a. ~ 74 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MAEEPQSVLQ LPTSIAAGGE GLTDVSPETT TPEPPSSAAV SPGTEEPAGD TKKKIYLCES VLCSEFPRPRS WNSL
Clone:	2H8
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	ATG12
Alternative Name:	ATG12 (ATG12 Products)
Background:	Full Gene Name: ATG12 autophagy related 12 homolog (S. cerevisiae) Synonyms: APG12,APG12L,FBR93,HAPG12
Gene ID:	9140
Pathways:	Autophagy

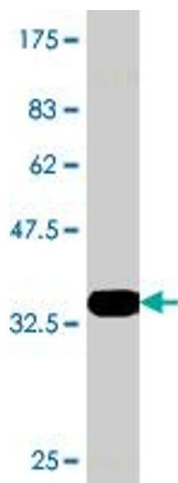
Application Details

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

Handling

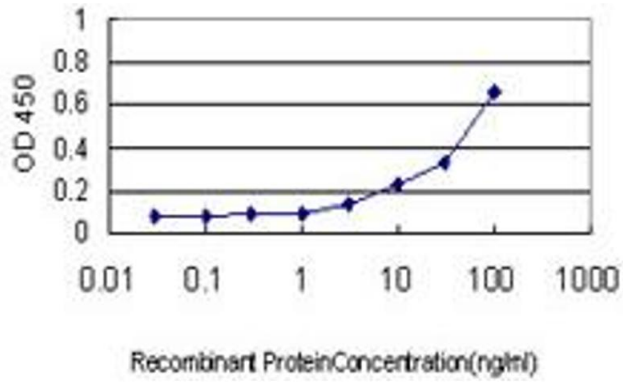
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western Blot detection against Immunogen (33.88 KDa) .



ELISA

Image 2. Detection limit for recombinant GST tagged ATG12 is approximately 1ng/ml as a capture antibody.