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Datasheet for ABIN516191  
**anti-Granulin antibody (AA 494-593)**

3 Images

Overview

Quantity:	100 µg
Target:	Granulin (GRN)
Binding Specificity:	AA 494-593
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Granulin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant GRN.
Immunogen:	GRN (NP_002078, 494 a.a. ~ 593 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SCEKEVSAQ PATFLARSPH VAVKDVECGE GHFCHDNQTC CRDNRQGWAC CPYRQGVCCA DRRHCCPAGF RCAARGTKCL RREAPRWDAP LRDPALRQLL
Clone:	1F5
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	Granulin (GRN)
Alternative Name:	GRN ( <a href="#">GRN Products</a> )
Target Type:	Viral Protein
Background:	Full Gene Name: granulin Synonyms: GEP,GP88,PCDGF,PEPI,PGRN
Gene ID:	2896
NCBI Accession:	<a href="#">NM_002087</a>

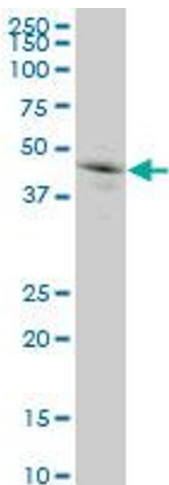
## Application Details

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

## Handling

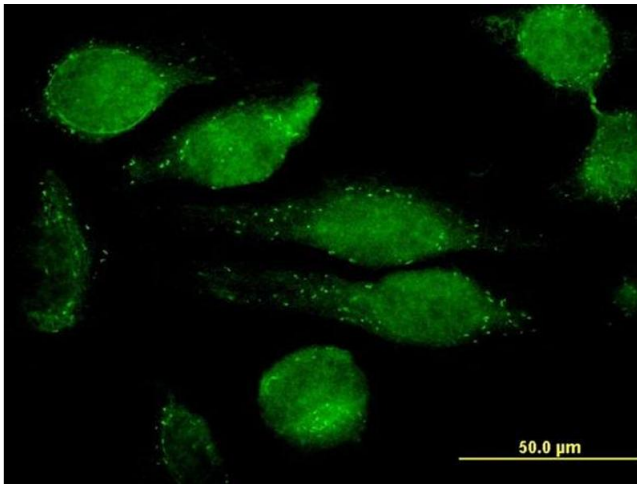
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



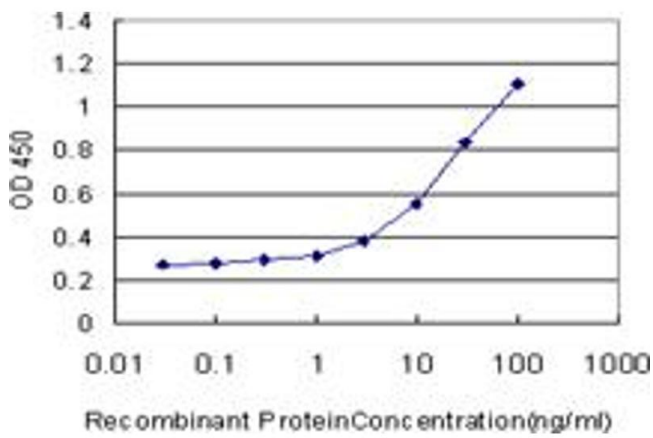
### Western Blotting

**Image 1.** GRN monoclonal antibody (M01), clone 1F5  
Western Blot analysis of GRN expression in HeLa .



### Immunofluorescence

**Image 2.** Immunofluorescence of monoclonal antibody to GRN on HeLa cell. [antibody concentration 10 ug/ml]



### ELISA

**Image 3.** Detection limit for recombinant GST tagged GRN is approximately 1 ng/ml as a capture antibody.