

## DATASHEET

# OTUB2 Mouse Monoclonal Antibody(C2880)

CAT. NO. AMA02492

### KEY FEATURES

Target	OTUB2	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

### BACKGROUND

Hydrolase that can remove conjugated ubiquitin from proteins in vitro and may therefore play an important regulatory role at the level of protein turnover by preventing degradation. Mediates deubiquitination of 'Lys-11', 'Lys-48' and 'Lys-63'-linked polyubiquitin chains, with a preference for 'Lys-63'-linked polyubiquitin chains.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
FC	1:100 - 1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

Description	Mouse monoclonal to OTUB2
Specificity	Recognizes endogenous levels of OTUB2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human OTUB2 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 27 kD; Observed: 60 kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	C14orf137; OTB2; OTU2; Ubiquitin thioesterase OTUB2; Deubiquitinating enzyme OTUB2; OTU domain-containing ubiquitin aldehyde-binding protein 2; Otubain-2; Ubiquitin-specific,-processing protease OTUB2
Gene Symbol	OTUB2
Entrez Gene	78990(Human)
SwissProt	Q96DC9(Human)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

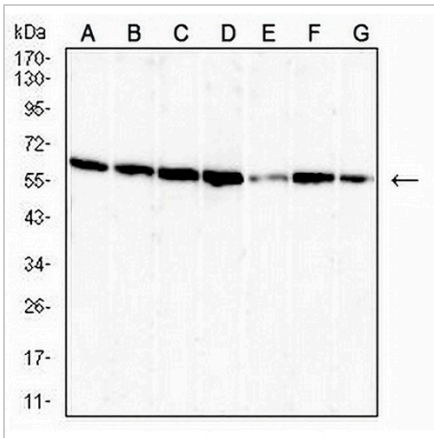
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET**

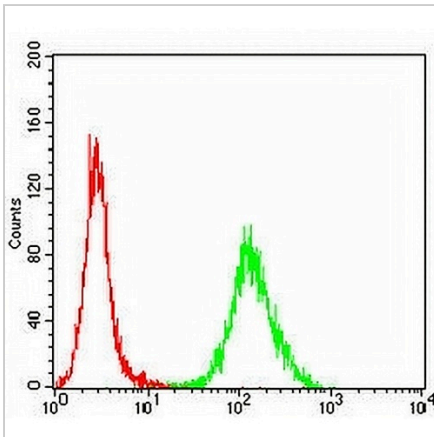
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**DATA**



Western blot analysis of OTUB2 expression in HepG2 (A), A549 (B), HT29 (C), MCF7 (D), Jurkat (E), HeLa (F), HEK293 (G) whole cell lysates. (Predicted band size: 27 kD; Observed band size: 60 kD)



Flow cytometric analysis of HeLa cells using Anti-OTUB2 Antibody (green) and negative control (red).

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.