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Datasheet for ABIN515966  
**anti-GBP1 antibody (AA 1-592)**

3 Images

1 Publication

### Overview

Quantity:	100 µg
Target:	GBP1
Binding Specificity:	AA 1-592
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GBP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant GBP1.
Immunogen:	GBP1 (AAH02666, 1 a.a. ~ 592 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MASEIHMTGP MCLIENTNGR LMANPEALKI LSAITQPMVV VAIVGLYRTG KSYLMNKLKAG KKKGFSLGST VQSHTKGIWM WCVPHPKKPG HILVLLDTEG LGDVEKGDNQ NDSWIFALAV LLSSTFVYNS IGTINQAMD QLYYVTELT HIRSKSSPDE NENEVEDSAD FVSFFPDFVW TLRDFSLDLE ADGQPLTPDE YLTYSCLKLKK GTSQKDETFN LPRLCIRKFF PKKKCFVFDR PVHRRKLAQL EKLQDEELDP EFVQQVADFC SYIFSNSKTK TLGGGIQVNG PRLESLVLT VNAISSGDLP CMENAVLALA QIENSAVQK AIAHYEQQMG QKVQLPTESL QELLDLHRDS EREAIEVFIR SSFKDVDHLF QKELAAQLEK KRDDFCKQNNQ EASSDRCSGL LQVIFSPLEE EVKAGIYSKP GGYRLFVQKL QDLKKKYEE PRKGIQAEI LQTYLKSKE MTDAILQTDQ TLTEKEKEIE VERVKAESAQ ASAKMLQEMQ RKNEQMMEQK ERSYQEHLKQ LTEKMENDRV

## Product Details

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QLLKEQERTL ALKLQEQL LKEGFQKESR IMKNEIQDLQ TKMRRRKACT IS

Clone: 4D10

Isotype: IgG2a

Cross-Reactivity: Human

Characteristics: Antibody Reactive Against Recombinant Protein.

## Target Details

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Target: GBP1

Alternative Name: GBP1 ([GBP1 Products](#))

Background: Full Gene Name: guanylate binding protein 1, interferon-inducible, 67 kDa  
Synonyms:

Gene ID: 2633

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

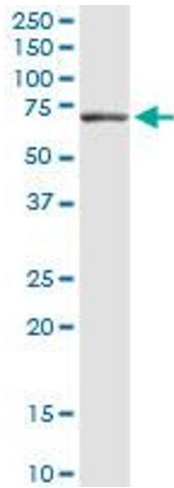
Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

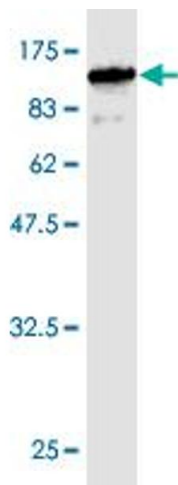
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Product cited in: Ascierio, Kmiecik, Idowu, Manjili, Zhao, Grimes, Dumur, Wang, Ramakrishnan, Wang, Bear, Marincola, Manjili: "A signature of immune function genes associated with recurrence-free survival in breast cancer patients." in: **Breast cancer research and treatment**, Vol. 131, Issue 3, pp. 871-80, (2012) ([PubMed](#)).



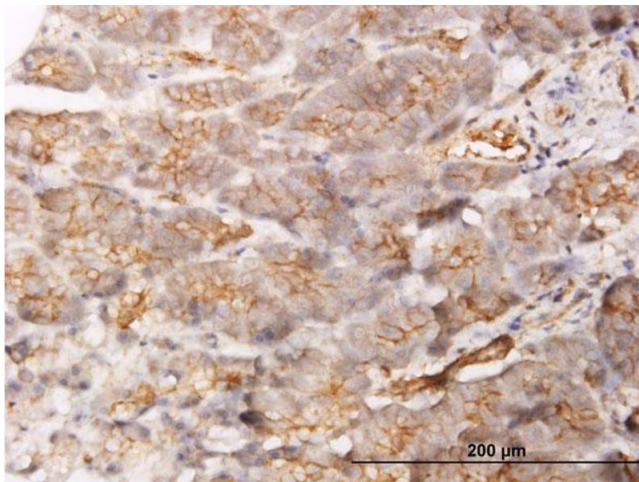
#### Western Blotting

**Image 1.** GBP1 monoclonal antibody (M01), clone 4D10. Western Blot analysis of GBP1 expression in human spleen.



#### Western Blotting

**Image 2.** Western Blot detection against Immunogen (90.86 kDa).



#### Immunostaining

**Image 3.** Immunoperoxidase of monoclonal antibody to GBP1 on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 1.5 ug/ml]