

A0570

Leader in Biomolecular Solutions for Life Science



## GBP1 Rabbit mAb

Catalog No.: A0570

Recombinant

### Basic Information

#### Observed MW

50-55\68kDa

#### Calculated MW

68kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB,IHC-P,ELISA

#### Cross-Reactivity

Human,Rat

#### CloneNo number

ARC2521

### Background

Guanylate binding protein expression is induced by interferon. Guanylate binding proteins are characterized by their ability to specifically bind guanine nucleotides (GMP, GDP, and GTP) and are distinguished from the GTP-binding proteins by the presence of 2 binding motifs rather than 3.

### Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200

### Immunogen Information

#### Gene ID

2633

#### Swiss Prot

P32455

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 493-592 of human GBP1 (P32455).

#### Synonyms

GBP1; guanylate-binding protein 1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

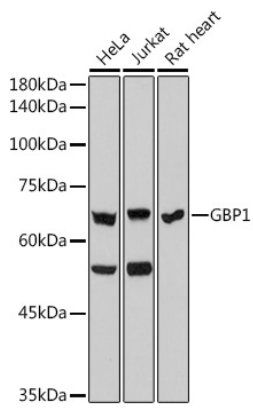
Affinity purification

#### Storage

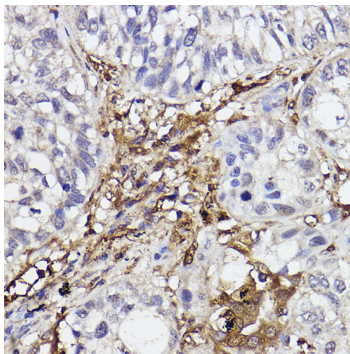
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of extracts of various cell lines, using GBP1 antibody (A0570) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using GBP1 Rabbit mAb (A0570) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.