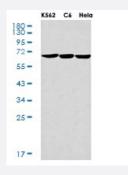


RecomAb™

# G3BP1 recombinant monoclonal antibody, clone R09-5B9

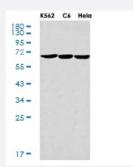
Catalog # RAB01312 Size 100 uL

## **Applications**



#### Western Blot

Western blot analysis of PLK1 in Jurkat, C6 lysates using PLK1 antibody.



#### Western Blot

Western blot analysis of G3BP in K562, C6, Hela lysates using G3BP antibody.

### **Immunocytochemistry**

Immunocytochemistry analysis of PLK1 (green) in Hela using PLK1 antibody, and DAPI(blue).

## Specification

**Product Description** 

Rabbit recombinant monoclonal antibody raised against human G3BP1.



### **Product Information**

Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human G3BP1.
Theoretical MW (kDa)	Calculated MW: 52 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	lgG
Recommend Usage	Immunocytochemistry Immunofluorescence Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C.  Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

# Applications

Western Blot

Western blot analysis of PLK1 in Jurkat, C6 lysates using PLK1 antibody.

Western Blot

Western blot analysis of G3BP in K562, C6, Hela lysates using G3BP antibody.

Immunocytochemistry

Immunocytochemistry analysis of PLK1 (green) in Hela using PLK1 antibody, and DAPI(blue).

- Immunocytochemistry
- Immunofluorescence
- Immunofluorescence



- Immunoprecipitation
- Immunoprecipitation

Gene Info — G3BP1	
Entrez GenelD	<u>10146</u>
Protein Accession#	Q13283
Gene Name	G3BP1
Gene Alias	G3BP, HDH-VIII, MGC111040
Gene Description	GTPase activating protein (SH3 domain) binding protein 1
Omim ID	<u>608431</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	This gene encodes one of the DNA-unwinding enzymes which prefers partially unwound 3'-tailed s ubstrates and can also unwind partial RNA/DNA and RNA/RNA duplexes in an ATP-dependent fa shion. This enzyme is a member of the heterogeneous nuclear RNA-binding proteins and is also an element of the Ras signal transduction pathway. It binds specifically to the Ras-GTPase-activat ing protein by associating with its SH3 domain. Several alternatively spliced transcript variants of t his gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq
Other Designations	GAP binding protein OTTHUMP00000160618 Ras-GTPase-activating protein SH3-domain-binding protein RasGAP-associated endoribonuclease G3BP