

## EPG5 polyclonal antibody

Catalog: BS67191

Host: Rabbit

Reactivity: Human

### BackGround:

Involved in autophagy. May play a role in a late step of autophagy, such as clearance of autophagosomal cargo. Plays a key role in innate and adaptive immune response triggered by unmethylated cytidine-phosphate-guanosine (CpG) dinucleotides from pathogens, and mediated by the nucleotide-sensing receptor TLR9. It is necessary for the translocation of CpG dinucleotides from early endosomes to late endosomes and lysosomes, where TLR9 is located (PubMed:29130391).

### Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

### Molecular Weight:

~ 282 kDa

### Swiss-Prot:

Q9HCE0

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 152% (by SDS-PAGE).

### Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

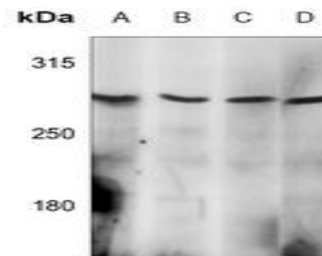
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

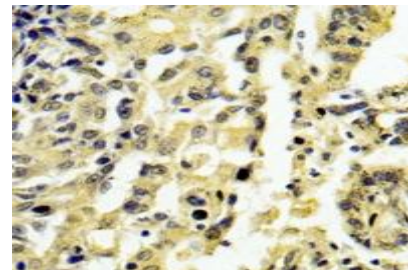
### Specificity:

Recognizes endogenous levels of EPG5 protein.

### DATA:



Western blot analysis of EPG5 expression in HeLa (A), HepG2 (B), MCF7 (C), C6 (D) whole cell lysates.



Immunohistochemical analysis of EPG5 staining in human colorectal cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

### Note:

For research use only, not for use in diagnostic procedure.

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