

bsm-60716R**[Primary Antibody]****BioSS**
ANTIBODIES

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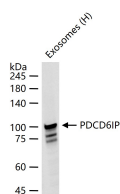
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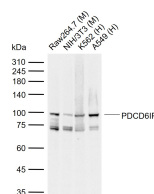
400-901-9800

PDCD6IP Recombinant Rabbit mAb**— DATASHEET —**

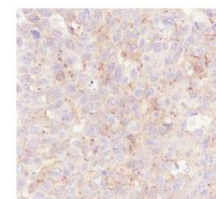
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|---|-----------------------|--|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:5000-10000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat) Predicted MW.: 95 kDa Subcellular Location: Cytoplasm |
| Clonality: Recombinant | CloneNo.: R4B8 | |
| GeneID: 10015 | SWISS: Q8WUM4 | |
| Target: PDCD6IP | | |
| Purification: affinity purified by Protein A | | |
| Concentration: 1mg/ml | | |
| Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. | | |
| Background: This gene encodes a protein that functions within the ESCRT pathway in the abscission stage of cytokinesis, in intraluminal endosomal vesicle formation, and in enveloped virus budding. Studies using mouse cells have shown that overexpression of this protein can block apoptosis. In addition, the product of this gene binds to the product of the PDCD6 gene, a protein required for apoptosis, in a calcium-dependent manner. This gene product also binds to endophilins, proteins that regulate membrane shape during endocytosis. Overexpression of this gene product and endophilins results in cytoplasmic vacuolization, which may be partly responsible for the protection against cell death. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. Related pseudogenes have been identified on chromosome 15. [provided by RefSeq, Jan 2012] | | |

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with PDCD6IP monoclonal antibody, unconjugated (bsm-60716R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Sample: Lane 1: Mouse Raw264.7 cell lysates
 Lane 2: Mouse NIH/3T3 cell lysates
 Lane 3: Human K562 cell lysates
 Lane 4: Human A549 cell lysates
 Primary: Anti-PDCD6IP (bsm-60716R) at 1/10000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 95 kDa
 Observed band size: 100 kDa



Tissue: Human breast cancer
 Section type: Formalin-fixed & Paraffin embedded section
 Retrieval method: High temperature and high pressure
 Retrieval buffer: Tris/EDTA buffer, pH 9.0
 Primary Ab dilution: 1:500
 Primary Ab incubation condition: 1 hour at room temperature
 Secondary Ab: Anti-Rabbit and Mouse Polymer HRP (Ready to use)
 Counter stain: Hematoxylin (Blue)
 Comment: Color brown is the positive signal for bsm-60716R

— SELECTED CITATIONS —

- **[IF=4.2]** Ti Qin. et al. Size-Exclusion Chromatography-Based Extracellular Vesicles Size Subtyping and Multiplex

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Membrane Protein Profiling for Differentiating Gastrointestinal Cancer Prognosis. ANALYST. 2023 Sep;; WB ;Human.
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