

bs-3521R**[Primary Antibody]****EZH2 Rabbit pAb**

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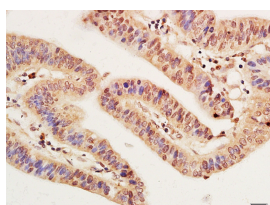
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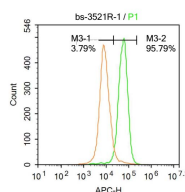
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DATASHEET

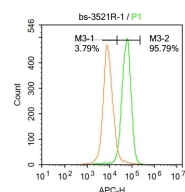
Host: Rabbit Clonality: Polyclonal GeneID: 2146 Target: EZH2 Immunogen: KLH conjugated synthetic peptide derived from human KMT6/EZH2: 255-350/746. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein associates with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein. This protein may play a role in the hematopoietic and central nervous systems. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Feb 2011].	Isotype: IgG SWISS: Q15910	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1ug/Test) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse) Predicted MW.: 82 kDa Subcellular Location: Nucleus
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VALIDATION IMAGES

Tissue/cell: human gastric cancer; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-KMT6 Polyclonal Antibody, Unconjugated (bs-3521R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining



Blank control: Mouse spleen. Primary Antibody (green line): Rabbit Anti-KMT6 antibody (bs-3521R) Dilution: 1μg / 10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-PE Dilution: 1μg / test. Protocol The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



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SELECTED CITATIONS

- **[IF=8.786]** Chengmei He. et al. EZH2 Promotes T Follicular Helper Cell Differentiation Through Enhancing STAT3 Phosphorylation in Patients With Primary Sjögren's Syndrome. FRONT IMMUNOL. 2022; 13: 922871 IHC ;Human.

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

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- **[IF=5.201]** Wang Shanshan. et al. RIP-Seq of EZH2 Identifies TCONS-00036665 as a Regulator of Myogenesis in Pigs. Front Cell Dev Biol. 2021 Jan;8:1682 IP ;Pig. 33511127
- **[IF=5.076]** Wang Peng. et al. ALKBH5 Exacerbates Aortic Dissection by Promoting Inflammatory Response and Apoptosis of Aortic Smooth Muscle Cells via Regulating Inc-TMPO-AS1/EZH2/IRAK4 Signals in an m6A Modification Manner. Oxid Med Cell Longev. 2021;2021:5513966 IF ;Human. 10.1155/2021/5513966