## bs-3521R

## [ Primary Antibody ]

# EZH2 Rabbit pAb

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(predicted: Rat, Rabbit, Pig,

Cow, Chicken, Dog, Horse)

Applications: Flow-Cyt (lug/Test)

82 kDa

Reactivity: Human, Mouse

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**GeneID: 2146 SWISS:** Q15910

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 splcied transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq,

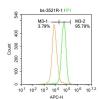
Feb 2011].

MW.:

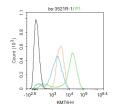
**Predicted** 

Subcellular Location: Nucleus

## - VALIDATION IMAGES -



Blank control: Mouse spleen, Primary Antibody (green line): Rabbit Anti-KMT6 antibody (bs-3521R) Dilution: 1µg/10^6 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 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.



Blank control: K562. Primary Antibody (green line): Rabbit Anti-KMT6 antibody (bs-3521R) Dilution:1 $\mu$ g /10 $^6$  cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody: Goat anti-rabbit IgG-FITC Dilution: 0.5µg /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.

### - 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. 35795677

- [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 | F; Human. 10.1155/2021/5513966