

EZH2 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50292

Clone# BP6269

Predicted Molecular Wt: 85kDa
Species Cross-reactivity: Human
Applications: IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: Q15910

Background:

EZH2 belongs to polycomb group (PcG). Catalytic subunit of the PRC2/EED-EZH2 complex, which methylates 'Lys-9' (H3K9me) and 'Lys-27' (H3K27me) of histone H3, leading to transcriptional repression of the affected target gene. EZH2 displays a preference for substrates with less methylation. The PRC2/EED-EZH2 complex may also serve as a recruiting platform for DNA methyltransferases.

EZH2 expressed in many tissues. In the ovary, EZH2 expressed in primordial follicles and oocytes and also in external follicle cells. EZH2 overexpressed in numerous tumor types including carcinomas of the breast, colon, larynx, lymphoma and testis.

The high expression of EZH2 is closely related to the malignant process, invasiveness and metastasis ability of tumors. EZH2 may be a new marker and therapeutic target for lymphoma.

Subcellular location:

Nucleus

Recommended Method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Recombinant protein fragment of EZH2 was used as an immunogen. This information is proprietary to BioLynx.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage Conditions:

-25°C to -18°C

Shipment Instructions:

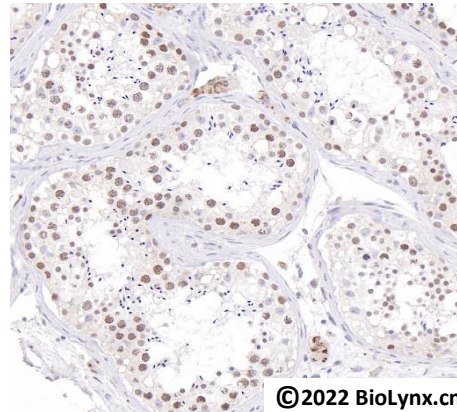
Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilution:

IHC-P: 1:100-1:200

Background References:

1. PMID: 14532106
2. PMID: 31451685



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human testis labelling EZH2 with BP6269.

Product QC'd by: 

For research use only. Not for use in diagnostic or therapeutic applications.