

SNF5 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50286

Clone# BP6263

Predicted Molecular Wt: 44kDa
Species Cross-reactivity: Human
Applications: IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: Q12824

Background:

SNF5, one of the core subunits of the SWI/SNF complex, is necessary for efficient nucleosome remodeling by BRG1 in vitro. SMARCB1/BAF47 is an essential part of the esBAF (mouse embryonic stem cell specific SWI/SNF complex) and is necessary for early embryogenesis and hepatocyte differentiation. In addition, SNF5 is considered to be a tumor suppressor protein; inactivating mutations have been identified in a large number of malignant rhabdoid tumors.

SNF5 is widely expressed in normal tissues and tumor tissues, but is often absent in malignant rhabdomyosarcoma and epithelioid sarcoma.

SNF5 antibodies have been used to distinguish between atypical teratoid/rhabdomyosarcoma (SNF5 deletion) and choroid plexus carcinoma (SNF5 positive), and between epithelioid sarcoma (SNF5 deletion) and epithelioid hemangioendothelioma (SNF5 positive).

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 SNF5 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:

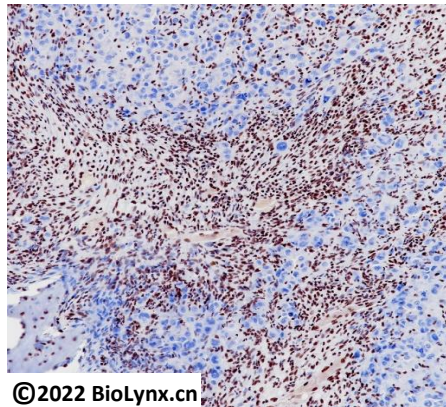
Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilution:

IHC-P: 1:100-1:200

Background References:

1. Ho, L. and Crabtree, G.R. (2010) Nature 463, 474-84.
2. Klochendler-Yeivin, A. et al. (2000) EMBO Rep 1, 500-6.



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human epithelioid sarcoma labelling SNF5 with BP6263.

Product QC'd by:



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