

SLC34A2 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50355

Clone# BP6323

Predicted Molecular Wt: 76kDa
Species Cross-reactivity: Human
Applications: IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: O95436

Background:

The sodium-dependent phosphate transport protein 2B (NaPi-2b, SLC34A2) is a sodium dependent inorganic phosphate transporter that regulates phosphate homeostasis in various organs, including the lung, liver and endometrium.

SLC34A2 is predominantly expressed in lung and endometrium. In tumor tissue, it is mainly expressed in ovarian cancer and endometrial cancer.

Research has shown that the NaPi2b protein encoded by SLC34A2 is highly expressed in ovarian cancer tissues, especially in serous ovarian cancer, which makes it an important biomarker for assisting in the diagnosis of ovarian cancer. In addition, the expression level of SLC34A2 is closely related to the prognosis of ovarian cancer patients and can be used as an indicator to evaluate patient survival and disease progression.

Subcellular location:

Membrane

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:

Synthetic peptide. 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:

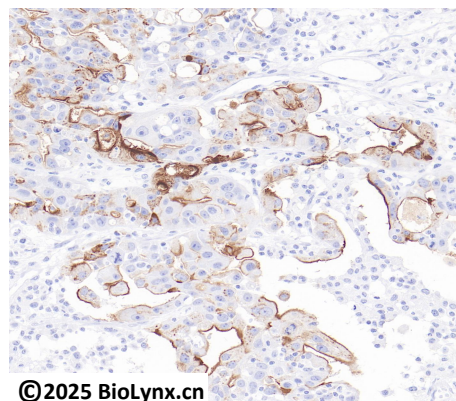
Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilution:

IHC-P: 1:100-1:200

Background References:

- Yin, X. et al. (2013) Respir Med 107, 217-22.
- Davies, K.D. et al. (2012) Clin Cancer Res 18, 4570-9.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human ovarian cancer labelling SLC34A2 with BP6323.

Product QC'd by:



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