Recombinant Prostein (p501S) / Solute Carrier Family 45 Member 3 (SLC45A3) Antibody

Rabbit Monoclonal Antibody [Clone MSVA-460R]

Catalog No	Format	Size
85414-RBM17-P0	Purified Ab with BSA and Azide	20 ug
85414-RBM17-P1	Purified Ab with BSA and Azide	100 ug

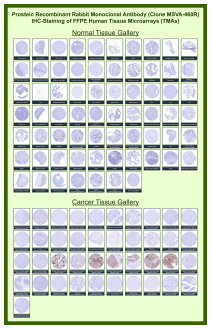
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1:100-1:200	Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121°C in pH 7.8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:50 at 37°C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.

Product Details

Clone	MSVA-460R
Immunogen	Synthesized peptides to the N terminus of human SLC45A3 (prostein) protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	59kDa
Cellular Localization	Membrane
Species Reactivity	Human
Positive Control	Stomach mucosa: At least a moderate, granular, cytoplasmic prostein positivity should be seen in surface epithelial cells.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Prostein (p501S) / Solute Carrier Family 45 Member 3 (SLC45A3) Antibody



Solute carrier family 45 member 3 Rabbit Recombinant Monoclonal Antibody (MSVA-460R) tested on many normal and cancer tissues. The immunohistochemistry staining in these tissues aligns with the expression data in Human Protein Atlas.

Specificity & Comments

Human prostein is a 553 aa protein identified by cDNA library subtraction and subsequent high throughput microarray screening of prostate cancer. Prostein has multiple transmembrane domains. Prostein has been shown to be uniquely expressed in normal and cancerous prostatic tissues. By immunohistochemistry, prostein is expressed in the vast majority of normal and malignant prostatic tissues, regardless of grade and metastatic status. No protein expression is detected in normal and malignant tissue samples representing the great majority of essential tissues and tumors. In particular, prostein is expressed in most of poorly differentiated prostatic carcinoma, including small cell prostate carcinoma. Prostein is more specific and sensitive for prostatic carcinomas than PSA and PSAP.

Supplied As

Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Mast Cell Marker

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.