

Wilm's Tumor 1 (WT1) (Wilm's Tumor & Mesothelial Marker) Antibody

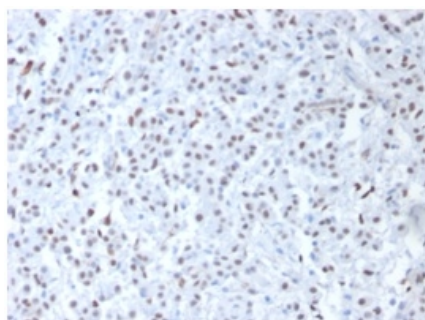
Catalog No	Format	Size
7490-RBP5-P0	Purified Ab with BSA and Azide	200ug/ml
7490-RBP5-P1	Purified Ab with BSA and Azide	200ug/ml
7490-RBP5-P1ABX	Purified Ab WITHOUT BSA and Azide	1.0mg/ml

Applications	Tested Dillution
Immunohistochemistry (IHC)	1-2ug/ml

Product Details	
Immunogen	Recombinant human WT1 protein
Host	Rabbit
Clonality	Polyclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	47-55kDa
Cellular Localization	Cytoplasm, Nucleolus, Nucleoplasm, Nucleus, Nucleus speckle
Species Reactivity	Human, Rat
Positive Control	K562 cells. Wilm's Tumor, mesothelioma or fetal kidney.

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

Product Images for Wilm's Tumor 1 (WT1) (Wilm's Tumor & Mesothelial Marker) Antibody



Formalin-fixed, paraffin-embedded human Mesothelioma stained with Wilm's Tumor Rabbit Polyclonal Antibody.

Specificity & Comments

Recognizes a 47-55kDa-tumor suppressor protein, identified as Wilm's Tumor (WT1) protein. The antibody reacts with all isoforms of the full-length WT1 and also identifies WT1 lacking exon 2-encoded amino acids, frequently found in subsets of sporadic Wilms tumor and mesothelioma. WT1 protein has been identified in proliferative mesothelial cells, malignant mesothelioma, ovarian carcinoma, gonadoblastoma, nephroblastoma, and desmoplastic small round cell tumor. Lung adenocarcinomas rarely stain positive with this antibody. WT1 protein expression in mesothelial cells has become a reliable marker for the diagnosis of mesotheliomas.

Research Areas

Cancer, Developmental Biology, Cardiac Stem Cells, Stem Cell Differentiation

Known Applications & Suggested Dilutions

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95degC followed by cooling at RT for 20 minutes) | Optimal dilution for a specific application should be determined.

Supplied As

200ug/ml of Ab Purified by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

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.

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.
