

For Research Use Only

MUC16/CA125 Monoclonal antibody

Catalog Number: 60261-1-Ig **2 Publications**



Basic Information

Catalog Number: 60261-1-Ig	GenBank Accession Number: NM_024690	Purification Method: Protein G purification
Concentration: 700 ug/ml	GeneID (NCBI): 94025	CloneNo.: 2B11B10
Source: Mouse	UNIPROT ID: Q8WXI7	Recommended Dilutions: IHC 1:50-1:500
Isotype: IgG1	Full Name: mucin 16, cell surface associated	
	Calculated MW: 1519 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human ovary tumor tissue,
Cited Applications: IHC	
Species Specificity: human	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

MUC16, also named as CA125, is thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces. It is a serum marker that is used routinely in gynecologic practice to monitor patients with ovarian cancer. Most biochemical studies have concluded that MUC16 is a high molecular mass glycoprotein, although estimates of its size range from 200 to 2000 kDa with smaller "subunits" being described by some investigators. The antibody recognizes the C-term of MUC16.

Notable Publications

Author	Pubmed ID	Journal	Application
Kun Fan	29337110	Cancer Lett	IHC
Chen Liu	32319567	Int J Oncol	IHC

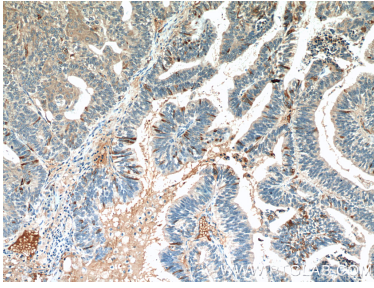
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

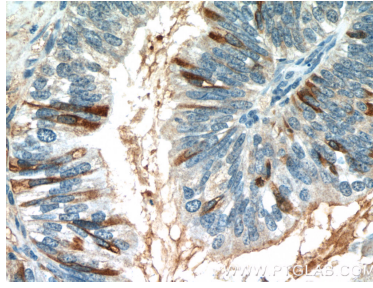
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60261-1-Ig (MUC16,CA125 Antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60261-1-Ig (MUC16,CA125 Antibody) at dilution of 1:100 (under 40x lens).