For Research Use Only

MUC16/CA125 Monoclonal antibody

Catalog Number:60261-1-Ig

2 Publications

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Basic Information

Catalog Number:
60261-1-Ig

Size:
150ul , Concentration: 700 ug/ml by Bradford method using BSA as the standard;

Source:
Mouse

Isotype:
IgG1

GenBank Accession Number:
NM_024690

GeneID (NCBI):
94025

UNIPROT ID:
Q8WXI7

Full Name:
mucin 16, cell surface associated

Calculated MW:
1519 kDa

Purification Method:
Protein G purification

CloneNo.:
2B11B10

Recommended Dilutions:
IHC 1:50-1:500

Applications

Tested Applications:
IHC, ELISA

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

Positive Controls:

IHC : human ovary tumor tissue,

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

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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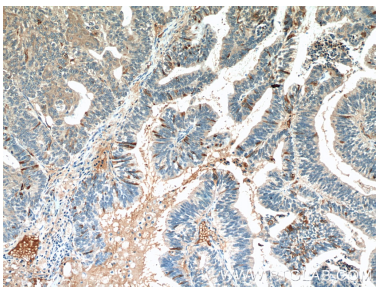
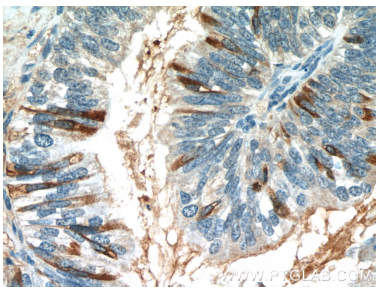
Selected Validation Data



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).