

A10005

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MUC16 Rabbit pAb

Catalog No.: A10005

Basic Information

Observed MW

Calculated MW
1519kDa

Category
Polyclonal Antibody

Applications
WB, ELISA

Cross-Reactivity
Human, Mouse, Rat

Background

This gene encodes a protein that is a member of the mucin family. Mucins are high molecular weight, O-glycosylated proteins that play an important role in forming a protective mucous barrier, and are found on the apical surfaces of the epithelia. The encoded protein is a membrane-tethered mucin that contains an extracellular domain at its amino terminus, a large tandem repeat domain, and a transmembrane domain with a short cytoplasmic domain. The amino terminus is highly glycosylated, while the repeat region contains 156 amino acid repeats unit that are rich in serines, threonines, and prolines. Interspersed within the repeats are Sea urchin sperm protein Enterokinase and Agrin (SEA) modules, leucine-rich repeats and ankyrin (ANK) repeats. These regions together form the ectodomain, and there is a potential cleavage site found near an SEA module close to the transmembrane domain. This protein is thought to play a role in forming a barrier, protecting epithelial cells from pathogens. Products of this gene have been used as a marker for different cancers, with higher expression levels associated with poorer outcomes.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID 94025	Swiss Prot Q8WXI7
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Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 13965-14064 of human MUC16 (NP_078966.2).

Synonyms
CA125; MUC16

Contact

 | www.abclonal.com

Product Information

Source Rabbit	Isotype IgG	Purification Affinity purification
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Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.