

CAB4666

Product Information

Product SKU:	CAB4666	Gene ID:	94025	Size:	20uL, 100uL
Clone No:	ARC1083	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	270kDa	Conjugate:	Unconjugated
Calculated MW:	1519kDa	Isotype:	IgG

Immunogen Information

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 Dilution: WB,1:500 - 1:1000

Synonyms: CA125; CA-125 ; CA125 / MUC16

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 12200-12300 of human CA125 / MUC16 (NP_078966.2).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

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