Recombinant DGRmAb®

MUC16 (DGR12011) Rabbit mAb

db15848 **Package : 10μL 20μL 50μL 100μL**

Product Name : MUC16 (DGR12011) Rabbit mAb
Cat.No.: db15848
Synonyms : CA125
Application : WB, IHC-P
Reactivity : Human
Host species : Rabbit

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. [provided by RefSeq, May 2017]
Immunogen	A synthetic peptide of human MUC16
Gene ID	94025
Swiss Prot	Q8WXI7
Synonyms	CA125
Reactivity	Human
Application	WB, IHC-P
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:200-1:1000
Calculated MW	1519 kDa
Observed MW	1519 kDa

Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12011
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

Western blot analysis of extracts from HeLa cells using db15848 at 1:100.