

## Anti-Mucin-1/MUC1 Antibody (8C428)

## Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 23 kDa.
Clone:	8C428
Purification:	ProA affinity purified

## Applications

Application:	FCM,ICC/IF,IHC,IP,WB
Recommended	WB: 1:1000-2000; IHC: 1:50-200; ICC/IF: 1:50-200; FCM: 1:50-100

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	P15941
Synonyms:	EMA;MUC-1;CA15-3;Mucin 1;MCKD;MUC-1/SEC;PUM;H23AG;MAM6;KL-6;ADMCKD1;CD227;MCD;MCKD1;PEM;ADMCKD;MUC-1/X;MUC1/ZD;mucin 1, cell surface associated;PEMT

## Research Background

The mucins are a family of highly glycosylated, secreted proteins with a basic structure consisting of a variable number of tandem repeats (VNTRs) encoded by 60 base pairs (Mucin 1), 69 base pairs (Mucin 2) and 51 base pairs (Mucin 3). The number of repeats is highly polymorphic and varies among different alleles. Mucin 1 proteins are expressed as type I membrane proteins in addition to secreted forms. Mucin 1 is aberrantly expressed in epithelial tumors including breast carcinomas. Mucin 2 coats the epithelia of the intestines and airways and is associated with colonic tumors. Mucin 3 is a major component of various mucus gels and is broadly expressed in normal and tumor cells.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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