

anti-Human CD227/MUC1 Monoclonal Antibody | anti-CD227/MUC1 antibody

Anti-Human CD227/MUC1 Antibody (SAA2216)

CATALOG # AAA120746	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA
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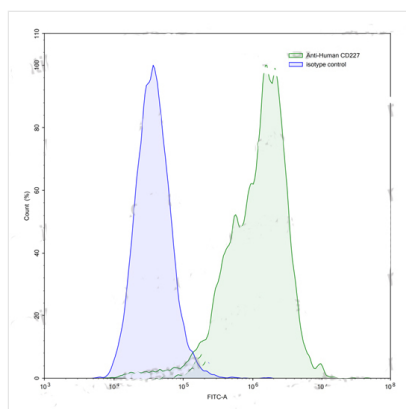
PRODUCT SYNONYMS

CD227/MUC1; Monoclonal Antibody; Anti-Human CD227/MUC1 Antibody (SAA2216); PEMT; CA 15-3; H23AG; Peanut-reactive urinary mucin; PEM; EMA; Cancer antigen 15-3; MUC-1; Episialin; MUC1-CT; MUC1-beta; Tumor-associated mucin; CD227; Polymorphic epithelial mucin; KL-6; MUC1-alpha; MUC1; PUM; Krebs von den Lungen-6; MUC1-NT; Tumor-associated epithelial membrane antigen; Mucin-1; Breast carcinoma-associated antigen DF3; Carcinoma-associated mucin; anti-CD227/MUC1 antibody

PRODUCT SPECIFICATIONS

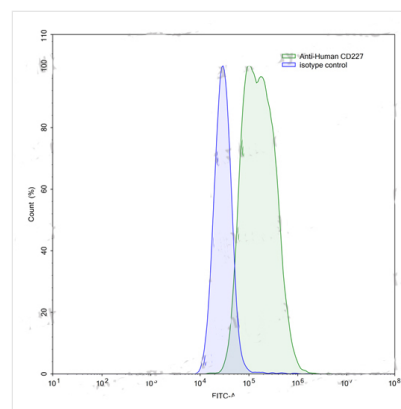
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	SAA2216
Purity/Purification	>95% by SDS-PAGE. Protein A/G purified from cell culture supernatant.
Form/Format	Liquid; 0.01M PBS, pH 7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD227/MUC1 antibody	FCM/FACS (Flow Cytometry), ELISA
Host Species	Human
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term.

IMAGES



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human CD227 antibody. CD227 Transfected CHO cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human CD227 antibody monoclonal antibody (#AAA120746, Green Histogram) at a concentration of 5ug/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody and cells analysed on a NovoCyt Flow Cytometer.



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human CD227 antibody. MCF7 cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human CD227 antibody monoclonal antibody (#AAA120746, Green Histogram) at a concentration of 5ug/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody and cells analysed on a NovoCyt Flow Cytometer.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD227/MUC1 antibody	Super-Affinity Antibodies; Flow Cytometry Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	67189007
NCBI GeneID	4582
NCBI Accession #	NP_001018016.1
NCBI GenBank Nucleotide #	NM_001018016.2
UniProt Accession #	P15941; P13931; P15942; P17626; Q0VAP6; Q14128; Q14876; Q16437; Q16442; Q16615; B1AVQ8; B1AVR0
Molecular Weight	122,102 Da
NCBI Official Full Name	mucin-1 isoform 2
NCBI Official Synonym Full Names	mucin 1, cell surface associated
NCBI Official Symbol	MUC1
NCBI Official Synonym Symbols	EMA; PEM; PUM; KL-6; MAM6; PEMT; CD227; H23AG; MUC-1; CA 15-3; MUC-1/X; MUC1/ZD; MUC-1/SEC
NCBI Protein Information	mucin-1; episialin; DF3 antigen; H23 antigen; cancer antigen 15-3; krebs von den Lungen-6; mucin 1, transmembrane; tumor-associated mucin; carcinoma-associated mucin; polymorphic epithelial mucin; peanut-reactive urinary mucin; tumor associated epithelial
UniProt Protein Name	Mucin-1
UniProt Gene Name	MUC1
UniProt Synonym Gene Names	PUM; MUC-1; CA 15-3; KL-6; PUM; PEM; EMA; MUC1-NT; MUC1-alpha; MUC1-beta
UniProt Entry Name	MUC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.