

Product datasheet

anti-MUC3 mouse monoclonal, EBS-T-232, purified

Short overview

Cat. No.	691678
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2a kappa
Clone	EBS-T-232
Immunogen	Synthetic human MUC3 (SIB-35) peptide
Formulation	PBS with 0.02% sodium azide
UniprotID	Q02505 (Human)
Synonym	Mucin-3A, MUC-3A, Intestinal mucin-3A, MUC3A, MUC3
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, ICC/IF, IHC
Reactivity	Human

Applications

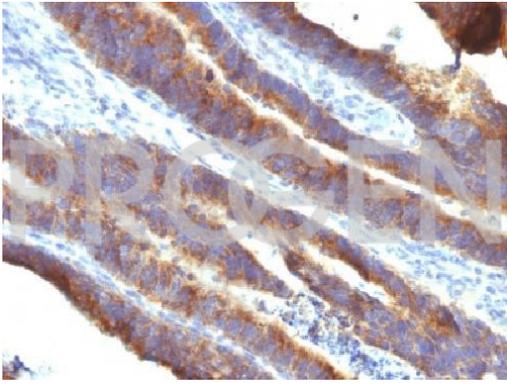
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:50-1:100 (1-2 µg/ml; microwave treatment in 10 mM Tris with 1 mM EDTA pH 9.0 recommended)

Background

EBS-T-232 reacts with SITTE in the VNTR domain of human MUC3. 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 (MUC1), 69 base pairs (MC2) and 51 base pairs (MUC3). Cancer cells of colon, breast and stomach, normal cells of salivary gland, breast, lung, and gastrointestinal tract are positive for MUC3.

Positive control: LS174T cells or colon carcinoma and normal colon tissue.

Product images



Colon carcinoma