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MUC5AC (E3O9I) XP[®] Rabbit mAb



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For Research Use Only. Not for Use in Diagnostic Procedures.

Product Usage Information Application HC Leica Bond Immunofluorescence (Immunocytochemistry) Dilution 1:400 Storage Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium aride. Store at -20°C. Do not aliquot the antibody. For a carrier free (BSA and aride free) version of this product see product #60100. Specificity/Sensitivity MUCSAC (E3O91) XP [®] Rabbit mAb recognizes endogenous levels of total MUCSAC protein. Source / Purification Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro2712 of human MUCSAC protein. Background Mucins are a family of macromolecules that line and protect the respiratory epithelium from microbe and pollutants in the local environment. Of the family members that are known to date, some are produced in a cell type are members of the family that polymerize in this manner. Others do not polymerize, and others yet, have a transmembrane domain and remain physically attached to the epithelial (1). While it is known that mucin are protective to the respiratory epithelium, it has been reported that charges in expression of mucins are associated with several forms of lung disease studie to a scystif forsis, COPO, asthma, pulmonary florosis, and stycesystion and MUCSAC as both a prognostic, and therapeutic target for carcer (5). Background References 1. Maj, 1e al. (2018) Chargery Hig Mad Down (Charge Sa, 842-50. 4. Bonser, LR, and Frie, D, J. (2017) <i>Clin Med</i> 6, 112, doi: 10.3390/gm6120112. 5. Kreda, SM, et al. (2018) <i>Carcinogenesis</i> 39, 633-651. Species Reactivity Species reactivity i	Applications: IHC-Bond, IHC-P, IF- IC	Reactivity: H	Sensitivity: Endogenous	Source/Isotype: Rabbit IgG	UniProt ID: #P98088	Entrez-Gene Id: 4586			
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