

Product Data Sheet

Purified anti-Mucin-4

Catalog # / Size: 645901 / 25 µg
645902 / 100 µg

Clone: 1G8

Isotype: Mouse IgG

Immunogen: Rat ASGP-2 (transmembrane subunit of MUC 4)

Reactivity: Human, Rat

Preparation: This antibody was purified by affinity chromatography.

Formulation: This antibody is provided in phosphate-buffered solution containing 0.1% sodium azide and 0.2% gelatin.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.

Applications:

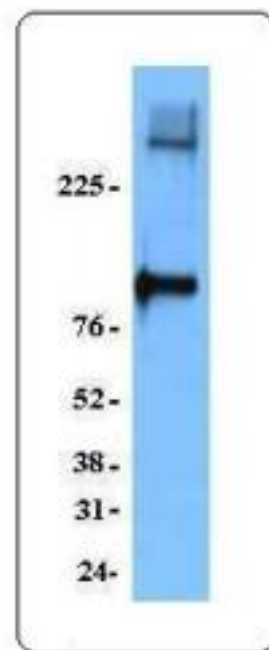
Applications: WB - *Quality tested*

Recommended Usage: Each lot of this antibody has been quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 0.25 - 1.0 µg per ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Zhang J, *et al.* 2005. *J Cell Physiol* 204:166
2. Zhang J, *et al.* 2006. *Tissue Cell* 38:271

Description: MUC- 4 is a hetero-dimeric membrane mucin, consisting of an alpha unit (ASGP-1) and a transmembrane subunit ASGP-2. This antibody was raised against the ASGP-2. MUC-4 is implicated in diverse biological functions, including lubrication and protection of epithelial cells. MUC-4 has been reported in a number of carcinomas.

Antigen References: 1. Chaturvedi P, *et al.* 2008. *FASEB J* 22:966



HUVEC cell extract was resolved by electrophoresis, transferred to nitrocellulose, and probed with purified clone 1G8. Proteins were visualized using an HRP goat anti-mouse secondary antibody and a chemiluminescent detection system.



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