

NBP1-42211**MUC1 Antibody (126E7)****Unit Size**

0.1 mg

Concentration

Please see the vial label for concentration.

Storage

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

Applications

ELISA, IHC, IHC-Fr, IHC-P

Species

Human, Mouse, Rat

Host

Mouse

Clonality

Monoclonal

Isotype

IgM

Purity

IgM purified

Preservative

0.05% Sodium Azide

Specificity/Sensitivity

126E7 reacts with MUC1, a large transmembrane glycoprotein expressed on the ductal surface of normal glandular epithelia. The extracellular domain of MUC1 largely consists of a highly conserved, O-glycosylated 20 aminoacids tandem repeat which can occur 30-100 times per molecule depending on the length of the allele involved. In the vast majority of human carcinomas this protein is upregulated and poorly glycosylated and appears on the cell surface in a non-polarized fashion. The dominant epitope of 126E7 has not yet been established with "epitope fingerprinting". Source: A Balb/c mouse was immunized with a Breast Cancer crude membrane preparation. Splenocytes were fused with SP2/0 mouse myeloma cells. Stability of the hybridomas was established by subcloning four times.

Immunogen

The antibody reacts with the MUC1 antigen.

Recommended Dilutions

Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry

Buffer

PBS (Concentration: 100 ug/ml)

Uses

126E7 has been tested on frozen and paraffin sections

Images

This product does not currently have an image. Earn rewards by submitting your image of this product. Submit a review with your image here: www.novusbio.com/NBP1-42211

Updated 3/9/2013 2.0

Limitations: This product is for research use only and is not approved for use in humans or in clinical diagnosis. Products are guaranteed for six months from the date of receipt except for peptides and proteins which are guaranteed for 3 months. **For more information on our guarantee, please visit www.novusbio.com/guarantee.**

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