

Product Datasheet

Cytokeratin 20 Antibody (10F6B12A9) - Chimeric - BSA Free NBP3-43567

Unit Size: 0.2 mg

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

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NBP3-43567

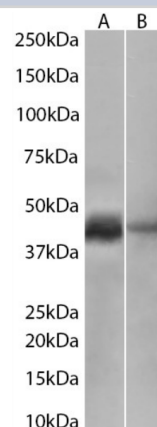
Cytokeratin 20 Antibody (10F6B12A9) - Chimeric - BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	10F6B12A9
Preservative	0.02% Proclin 300
Isotype	IgG
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.
Host	Rabbit
Gene ID	54474
Gene Symbol	KRT20
Species	Human
Specificity/Sensitivity	This antibody is specific for amino acids 411-424 of human cytokeratin 20. Cytokeratins are intermediate filaments found in the intracytoplasmic cytoskeleton of epithelial tissue. There are 19 keratin polypeptides are found in human epithelium. Cytokeratin 20 plays a significant role in maintaining keratin filament organization in intestinal epithelia. When phosphorylated, it plays a role in the secretion of mucin in the small intestine.
Immunogen	The original antibody was generated by immunizing female ICR mice with human CK20 peptide (amino acids 411-424) conjugated to KLH in equal volume of Freund's incomplete adjuvant. (Uniprot# P35900)
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry

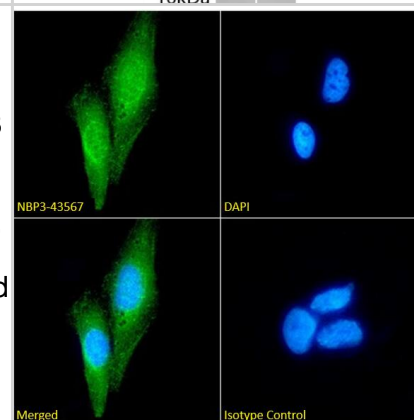


Images

Western Blot: Cytokeratin 20 Antibody (10F6B12A9) - Chimeric - BSA Free [NBP3-43567] - Caco-2 (A) cells lysate and human colon (B) tissue lysate (35ug protein in RIPA buffer) were resolved via SDS-PAGE, and the subsequent blots were probed with NBP3-43567 at 1ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1 hour was used, and proteins were detected by chemiluminescence.



Immunocytochemistry /Immunofluorescence: Cytokeratin 20 Antibody (10F6B12A9) - Chimeric - BSA Free [NBP3-43567] - Immunofluorescence analysis of paraformaldehyde-fixed Caco-2 cells, permeabilized with 0.15% Triton, on Shi-fix coverslips stained with NBP3-43567 (1:100 dilution) for 1 hour followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing cytoplasmic and some nuclear staining. The nuclear stain is DAPI (blue). Panels show, from left to right, top to bottom, NBP3-43567, DAPI, merged channels, and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.





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Products Related to NBP3-43567

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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