

Product Datasheet

Cytokeratin 3 Antibody (KRT3/2542) [Alexa Fluor® 647] NBP3-08582AF647

Unit Size: 100 ul

Store at 4C in the dark.

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NBP3-08582AF647

Cytokeratin 3 Antibody (KRT3/2542) [Alexa Fluor® 647]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	KRT3/2542
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 647
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	3850
Gene Symbol	KRT3
Species	Human, Bovine, Rabbit
Marker	Corneal Epithelial Marker
Specificity/Sensitivity	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins, which are arranged in pairs of heterotypic keratin chains co-expressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the corneal epithelium with family member KRT12 and mutations in these genes have been associated with Meesmanns Corneal Dystrophy. KRT3/2542 recognizes the 64kD polypeptide/keratin K3 (cytokeratin 3) of rabbit corneal epithelium and keratin K76 (cytokeratin K2p) of palate epithelium. As such represents an excellent marker for studying corneal epithelial-type differentiation. Also recognizes bovine snout and lip epithelium, as well as a rabbit corneal cell line.
Immunogen	Tissue, cells or virus corresponding to Rabbit Cytokeratin 3/CK-3. Rabbit corneal epithelial keratin.



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Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Products Related to NBP3-08582AF647

IC002R	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 647]
H00003850-Q01-10ug	Recombinant Human Cytokeratin 3 GST (N-Term) Protein
236-EG-200	EGF [Unconjugated]
NB100-355	RPE65 Antibody (401.8B11.3D9) - BSA Free

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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