Product Datasheet

p40/deltaNp63 Antibody (P40/4396R) [FITC]
NBP3-14050F

Unit Size: 0.1 ml

Store at 4C in the dark.

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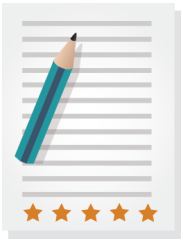

NBP3-14050F

p40/deltaNp63 Antibody (P40/4396R) [FITC]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	P40/4396R
Preservative	0.05% Sodium Azide
Isotype	IgG Kappa
Conjugate	FITC
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	8626
Gene Symbol	TP63
Species	Human
Marker	Squamous, Basal & Myoepithelial Cell Marker
Specificity/Sensitivity	p40 antibody (antibody recognizing Np63 only) is an isoform of p63, is thought to function as a stem cell factor, responsible for maintaining cells in an uncommitted state with regenerative potential a role that may be recapitulated in tumors derived from these cells. p40 is normally expressed in the basal or progenitor cell layer of stratified epithelia (eg. squamous, urothelial, bronchial), basal cells of some glandular epithelia (eg. prostate), as well as myoepithelial cells of breast and salivary glands, trophoblasts and thymic epithelial cells. In tumor tissues, p40 expression is specific for squamous cell carcinoma. p40 is equivalent to p63 in sensitivity for lung squamous cell carcinoma, but it is markedly superior to p63 in specificity, which eliminates a potential pitfall of misinterpreting a p63-positive adenocarcinoma or unsuspected lymphoma as squamous cell carcinoma. p40 appears to be a more reliable marker for squamous cell carcinoma.
Immunogen	Recombinant fragment (around aa1-100) of human p40/deltaNp63 protein (exact sequence is proprietary) (Uniprot: Q9H3D4)

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

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Products Related to NBP3-14050F

210-TA-005	TNF-alpha [Unconjugated]
285-IF-100	IFN-gamma [Unconjugated]
DY417-05	IL-10 [Biotin]
419-ML-010	IL-12 [Unconjugated]

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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