abcam

Product datasheet

Anti-p40 - DeltaNp63 antibody ab167612

★★★★★ **1 Abreviews**   **4 References**   **1 Image**

Overview

Product name	Anti-p40 - DeltaNp63 antibody
Description	Rabbit polyclonal to p40 - DeltaNp63
Host species	Rabbit
Specificity	ab167612 detects a short form of Tumor protein 63 (UniProt ID Q9H3D4) - p40 - DeltaNp63.
Tested applications	**Suitable for:** IHC-P
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide corresponding to Human p40 - DeltaNp63 aa 5-17. Sequence:
	ENNAQTQFSEPQY
	Database link: **Q9H3D4**

🖼 **Run BLAST with**   🖼 **Run BLAST with**

General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.
	If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium azide
	Buffer with protein carrier.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab167612 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
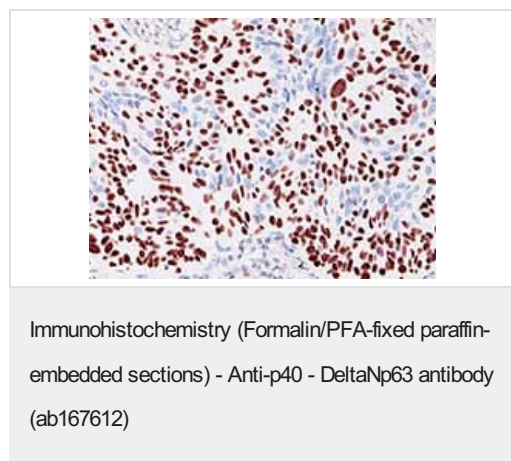
Application	Abreviews	Notes
IHC-P	★★★★★ (1)	1/100 - 1/200. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Target

Relevance Differentiating between lung adenocarcinoma and squamous cell carcinoma is an important distinction with therapeutic implications. Although the most frequently recommended squamous marker p63 is extremely sensitive, it suffers from low specificity due to its reactivity in a substantial proportion of lung adenocarcinomas and other tumor types, particularly lymphomas. p40 is a relatively unknown marker that recognizes ?Np63-a p63 isoform suggested to be highly specific for squamous/basal cells. p40 is equivalent to p63 in sensitivity for 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. These findings strongly support the routine use of p40 in place of p63 for the diagnosis of pulmonary squamous cell carcinoma.

Images

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-p40 - DeltaNp63 antibody (ab167612)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human lung squamous cell carcinoma tissue labeling p40 - DeltaNp63 with ab167612 at 1/100 dilution.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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