

Product datasheet

EXPOSE Rabbit specific HRP/DAB detection IHC Kit ab80437

[18 References](#) [3 Images](#)

Overview

Product name	EXPOSE Rabbit specific HRP/DAB detection IHC Kit
Detection method	Colorimetric
Assay type	Micro-Polymer
Product overview	This kit (ab80437) has been replaced by ab236469 Rabbit specific HRP/DAB Detection IHC Detection Kit - Micro-polymer.

[ab236469](#) is an exact copy of ab80437, except that [ab236469](#) uses the HRP micro-polymer antibody used during the validation of Abcam's antibodies in IHC. This HRP micro-polymer antibody was identified by our R&D team as giving the most sensitive and specific staining.

The reagents in this kit constitute a biotin-free immunoenzymatic antigen detection system. This technique involves the sequential incubation of the specimen with an unconjugated primary antibody specific to the target antigen, a rabbit specific HRP conjugate which reacts with the primary antibody, and substrate-chromogen (DAB).

Notes	DAB is a suspected carcinogen. Handle with care. Contains hydrogen peroxide.
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Tested applications	Suitable for: IHC-P
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Properties

Storage instructions	Store at +4°C. Please refer to protocols.
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Components	
Protein block	1 x 125ml
Goat anti-rabbit HRP Conjugate	1 x 125ml
Hydrogen Peroxide Block	1 x 125ml

Components	
DAB substrate	1 x 125ml
50x DAB Chromogen	1 x 4ml
Protein block	1 x 60ml
Goat anti-rabbit HRP Conjugate	1 x 60ml
Hydrogen Peroxide Block	1 x 60ml
DAB substrate	1 x 60ml
50x DAB Chromogen	1 x 2ml
Protein block	1 x 15ml
Goat anti-rabbit HRP Conjugate	1 x 15ml
Hydrogen Peroxide Block	1 x 15ml
DAB substrate	1 x 15ml
50x DAB Chromogen	1 x 1ml

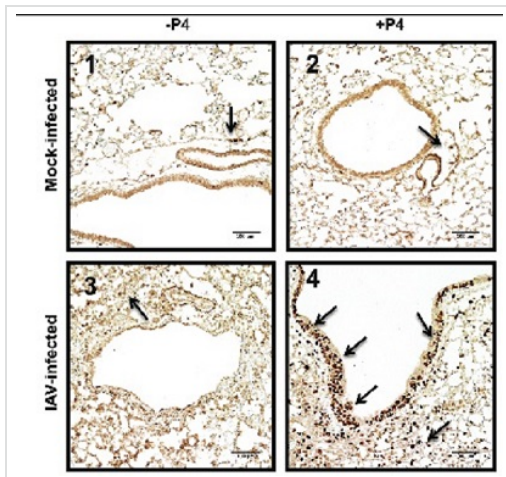
Relevance HRP/DAB detection kit is a immunoenzymatic antigen detection system for immunohistochemistry techniques.

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab80437 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		Use at an assay dependent dilution.

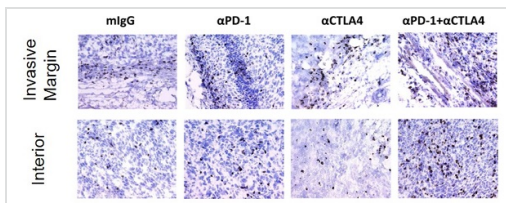
Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Hall OJ et al. PLoS Pathog. 12:e1005840 (2016)

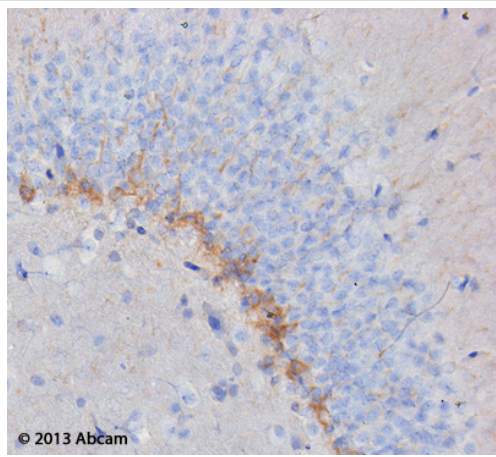
Immunohistochemical analysis of mouse lung tissue labeling Ki67 detected with ab80437. Tissue sections were embedded in paraffin and were counterstained with hematoxylin.



Immunohistochemistry Frozen

Selby MJ et al. PLoS One (2016)

Immunohistochemical (frozen) analysis of MC38 tumor sections labeling CD3 with [ab16669](#) at 1/400 dilution. Sections were fixed with acetone, treated with peroxidase block to quench endogenous peroxidase, and then further blocked with a 10% goat serum and 5% BSA solution. CD3 positive T cells were detected using ab80437. Invasive margin (top) shows sections derived from the periphery of the tumor and interior (bottom) shows sections from within the tumor.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - EXPOSE Rabbit Specific HRP/DAB Detection IHC kit (ab80437)

[ab18723](#) staining 6 week rat brain tissue subventricular zone (SVZ) by IHC-P using rabbit-specific EXPOSE IHC detection kit (ab80437). Formalin fixed paraffin embedded tissue sections were pre-treated using heat mediated antigen retrieval (using a pressure cooker) with sodium citrate buffer (pH6) for 30 mins. The section was incubated with [ab18723](#), 0.1 µg/ml, for 1 hour at room temperature. DAB was used as the chromogen and the section was counterstained with haematoxylin and mounted with DPX.

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

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