abcam

Product datasheet

Mouse specific HRP/DAB Detection IHC Kit ab64259

★★★★★ **2 Abreviews**   **42 References**   2 Images

Overview

Product name	Mouse specific HRP/DAB Detection IHC Kit
Product overview	Mouse specific HRP/DAB IHC Detection Kit ab64259 is a complete kit to detect a primary antibody raised in mouse, using HRP-labeled-streptavidin and a biotinylated anti-mouse secondary antibody.

It is supplied with a full protocol and with peroxidase and protein blocking reagents, biotinylated secondary antibody, streptavidin-HRP, and DAB substrate.

In the method:
- a sample is incubated with an unconjugated primary antibody specific to the target antigen
- a biotinylated secondary antibody then binds to the primary antibody
- HRP-labeled streptavidin then binds to the secondary antibody
- the HRP produces a brown colored substance at the site of primary antibody binding by reacting with DAB.

Notes	For alternative streptavidin-biotin IHC detection kits see: - Anti-Mouse / anti-Rabbit HRP-DAB IHC kit **ab64264** - Anti-Rabbit HRP-DAB IHC Kit **ab64261**

For high sensitivity HRP micro-polymer IHC detection kits see:
- Anti-Mouse / anti-Rabbit HRP/DAB Micro-polymer IHC Kit **ab236466**
- Anti-Rabbit HRP-DAB Micro-polymer IHC Kit **ab236469**

Alternatively, see **HRP-AEC IHC detection kits**.

For staining mouse tissues with mouse antibodies, use mouse-on-mouse polymer kit **ab127055**.

Find more kits and reagents for antigen retrieval, blocking, signal amplification, visualization, counterstaining, and mounting in the **IHC kits and reagents guide**.

Tested applications	**Suitable for:** IHC-P

Properties

Storage instructions	Store at +4°C. Please refer to protocols.

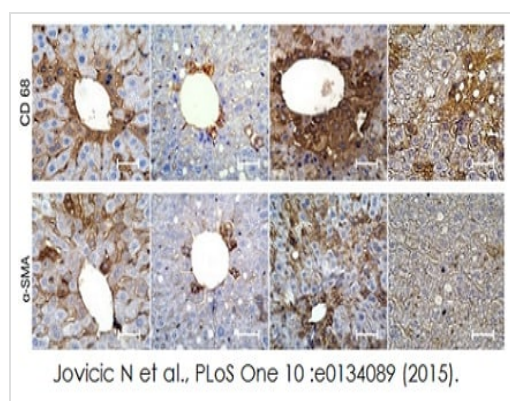| Components	15 ml
50x DAB Chromogen	1 x 0.5ml
Biotinylated goat anti-mouse IgG(H+L) (ab64255)	1 x 15ml
DAB substrate	1 x 15ml
Hydrogen Peroxide Block	1 x 15ml
Protein block	1 x 15ml
Streptavidin Peroxidase	1 x 15ml

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 ab64259 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

Jovicic N et al., PLoS One 10 :e0134089 (2015).

Immunohistochemistry - ab64259

Jovicic N et al., PLoS One 10(7). Fig 6D & E. DOI: 10.1371/journal.pone.0134089. Reproduced under the Creative Commons license https://creativecommons.org/licenses/by/4.0/
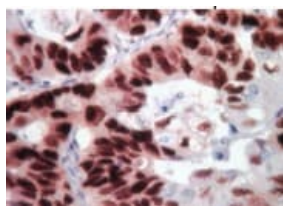
Immunohistochemical analysis staining SMA or CD68 in paraffin embedded mouse liver tissue sections Samples were incubated with anti-α- SMA (**ab7817**) or anti-CD68 (**ab49777**). A Mouse specific HRP/DAB Detection IHC Kit (AB64259 was used as a stain and Mayer's hematoxylin was used as a counterstain. Top panel of images staining CD68 and bottom panel staining α-SMA.

Human colon carcinoma stained with anti p53 antibody using Anti Mouse HRP/DAB Detection Kit (ab64259).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti Mouse HRP/DAB Detection Kit (ab64259)

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