

Product datasheet

Anti-LYPD3 antibody [SP204] ab183353

Recombinant **RabMAb**

9 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-LYPD3 antibody [SP204] |
| Description | Rabbit monoclonal [SP204] to LYPD3 |
| Host species | Rabbit |
| Tested applications | Suitable for: IHC-P |
| Species reactivity | Reacts with: Human |
| Immunogen | Synthetic peptide within Human LYPD3 aa 250 to the C-terminus (C terminal). The exact sequence is proprietary. Database link: O95274 |
| Positive control | IHC-P: Human skin, esophagus, cervix, tonsil, skin squamous cell carcinoma, and cervical squamous cell carcinoma tissue. |
| General notes | FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com . Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information. |

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

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, as well as 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. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.20 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA |
| Purity | Protein A/G purified |
| Purification notes | Purified from TCS by protein A/G. |
| Clonality | Monoclonal |
| Clone number | SP204 |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab183353** 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 | | 1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. |

Target

| | |
|------------------------------|---|
| Function | Supports cell migration. May be involved in urothelial cell-matrix interactions. May be involved in tumor progression. |
| Tissue specificity | Expressed in placenta, skin and urothelium. Found in suprabasal keratinocytes of chronic wounds. Weak expression is found in esophagus and peripheral blood mononuclear cells. Found in the majority of primary and metastatic transitional cell carcinomas (TCCs) and as well in breast cancer tissues, but not in adjacent normal tissues. High expression is found in the tumor component of some noninvasive superficial lesions and in invasive and metastatic urothelial cancers. |
| Sequence similarities | Contains 2 UPAR/Ly6 domains. |

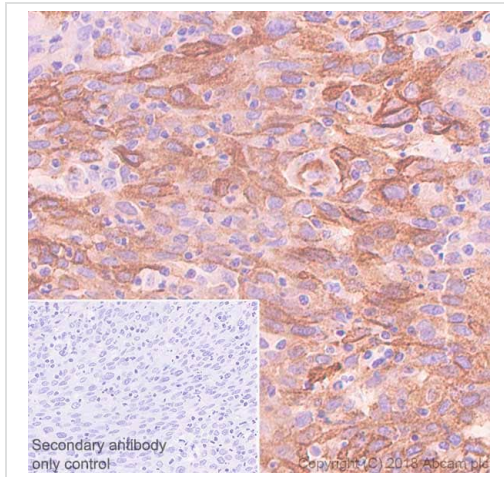
Post-translational modifications

N-glycosylated and O-glycosylated.

Cellular localization

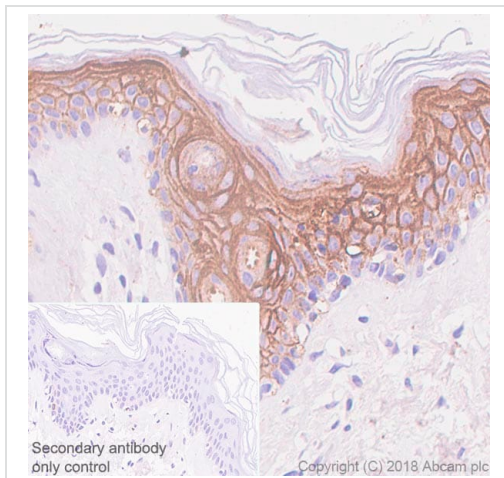
Cell membrane.

Images



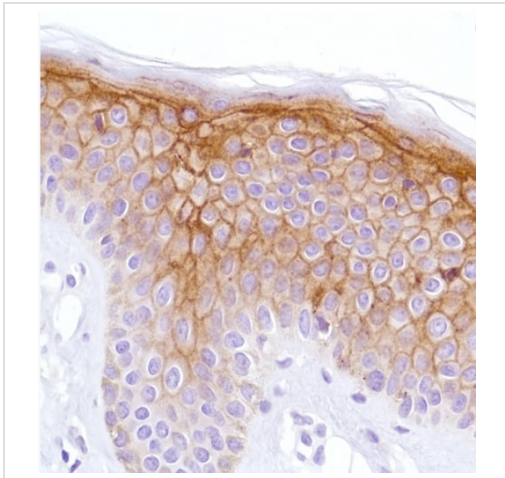
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human cervix carcinoma tissue sections labeling LYPD3 with ab183353 at 1/100 dilution (3.95 µg/ml). Heat mediated antigen retrieval was performed Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 10 mins. Rabbit specific IHC polymer detection kit HRP/DAB (ab209101) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LYPD3 antibody [SP204] (ab183353)



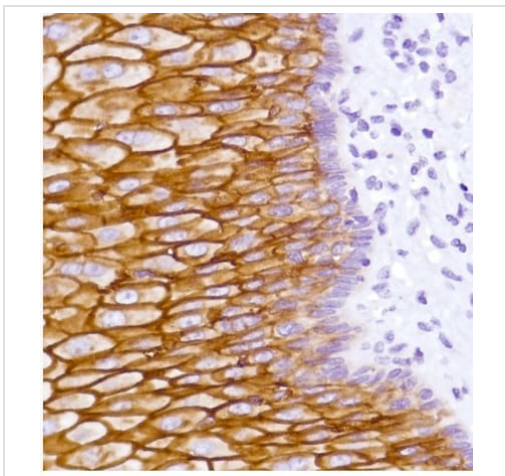
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human skin tissue sections labeling LYPD3 with ab183353 at 1/100 dilution (3.95 µg/ml). Heat mediated antigen retrieval was performed Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 10 mins. Rabbit specific IHC polymer detection kit HRP/DAB (ab209101) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LYPD3 antibody [SP204] (ab183353)



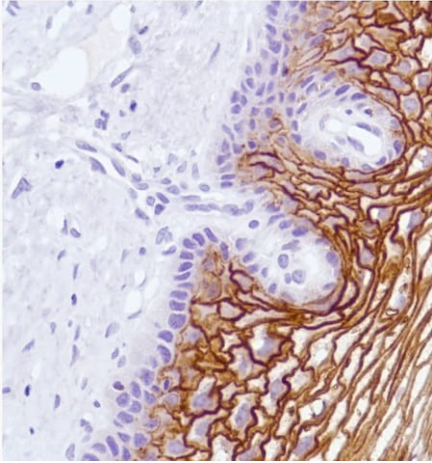
Immunohistochemical analysis of paraffin embedded Human skin tissue labeling LYPD3 with ab183353 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LYPD3 antibody [SP204] (ab183353)



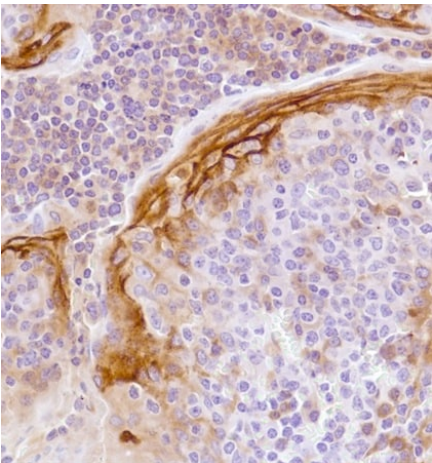
Immunohistochemical analysis of paraffin embedded Human esophagus tissue labeling LYPD3 with ab183353 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LYPD3 antibody [SP204] (ab183353)



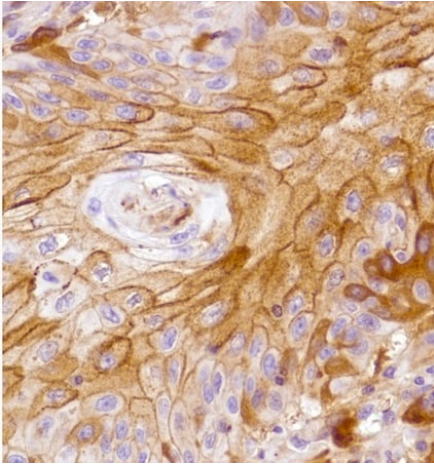
Immunohistochemical analysis of paraffin embedded Human cervix tissue labeling LYPD3 with ab183353 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LYPD3 antibody [SP204] (ab183353)



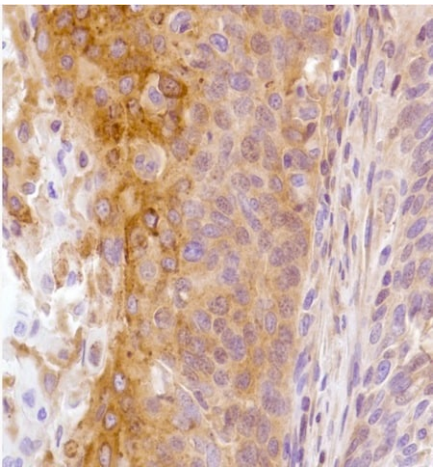
Immunohistochemical analysis of paraffin embedded Human tonsil tissue labeling LYPD3 with ab183353 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LYPD3 antibody [SP204] (ab183353)



Immunohistochemical analysis of paraffin embedded Human skin squamous cell carcinoma tissue labeling LYPD3 with ab183353 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LYPD3 antibody [SP204] (ab183353)



Immunohistochemical analysis of paraffin embedded Human cervical squamous cell carcinoma tissue labeling LYPD3 with ab183353 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LYPD3 antibody [SP204] (ab183353)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-LYPD3 antibody [SP204] (ab183353)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors