


## Product datasheet

# Anti-LYPD3 antibody [SP250] - BSA and Azide free ab271958

Recombinant

3 Images

### Overview

Product name	Anti-LYPD3 antibody [SP250] - BSA and Azide free
Description	Rabbit monoclonal [SP250] to LYPD3 - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> IHC-P, Flow Cyt
Species reactivity	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	IHC-P: Human skin tissue. Flow Cytometry: BxPC-3 cells.
General notes	<p>ab271958 is the carrier-free version of <a href="#">ab192845</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

This product is FOR RESEARCH USE ONLY. For commercial use, please contact [partnerships@abcam.com](mailto:partnerships@abcam.com).

## Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.20 Constituent: PBS
Carrier free	Yes
Purity	Protein A/G purified
Purification notes	Purified from TCS by Protein A/G.
Clonality	Monoclonal
Clone number	SP250
Isotype	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab271958 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 concentration. Boil tissue section in citrate buffer pH 6.0 for 10 minutes followed by cooling at room temperature for 20 minutes. Incubate with primary antibody for 10 minutes at room temperature
Flow Cyt		Use at an assay dependent concentration. Incubate with primary antibody for 30 minutes at 4°C.

## 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.

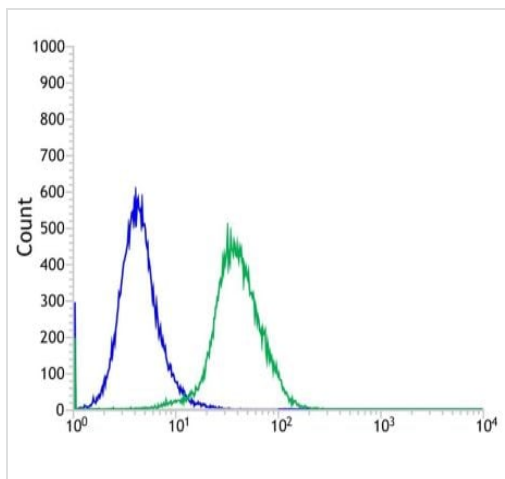
**Post-translational  
modifications**

N-glycosylated and O-glycosylated.

**Cellular localization**

Cell membrane.

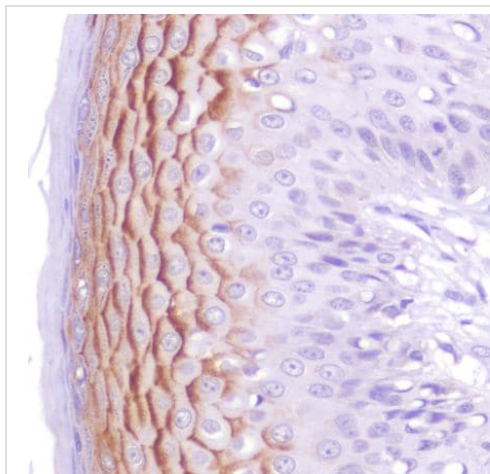
**Images**



Flow Cytometry - Anti-LYPD3 antibody [SP250] -  
BSA and Azide free (ab271958)

Flow cytometric analysis of BxPC-3 (human pancreas adenocarcinoma cell line) cells labeling LYPD3 with [ab192845](#) at 1/100 dilution (green) compared with a negative control rabbit IgG (blue).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab192845](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-  
embedded sections) - Anti-LYPD3 antibody [SP250]  
- BSA and Azide free (ab271958)

Formalin-fixed, paraffin-embedded human skin tissue stained for LYPD3 using [ab192845](#) at 1/100 dilution in immunohistochemical analysis.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab192845](#)).

### 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 [SP250] - BSA and Azide free  
(ab271958)

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

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- 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

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