abcam

## Product datasheet

# Anti-Annexin-9/ANXA9 antibody [EPR11220] ab166621

Recombinant RabMAb

3 Images

### Overview

| | |
|---|---|
| **Product name** | Anti-Annexin-9/ANXA9 antibody [EPR11220] |
| **Description** | Rabbit monoclonal [EPR11220] to Annexin-9/ANXA9 |
| **Host species** | Rabbit |
| **Tested applications** | **Suitable for:** WB, IP<br>**Unsuitable for:** Flow Cyt,ICC/IF or IHC-P |
| **Species reactivity** | **Reacts with:** Human<br>**Predicted to work with:** Mouse, Rat |
| **Immunogen** | Recombinant fragment corresponding to Human Annexin-9/ANXA9.<br>Database link: **O76027** |
| **Positive control** | Human fetal kidney, Human tonsil and A431 lysates, immunoprecipitation pellet from Human fetal kidney lysate |
| **General notes** | This product is a recombinant monoclonal antibody, which offers several advantages including:<br>- High batch-to-batch consistency and reproducibility<br>- Improved sensitivity and specificity<br>- Long-term security of supply<br>- Animal-free production<br>For more information **see here**.<br>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**. |

### Properties

| | |
|---|---|
| **Form** | Liquid |
| **Storage instructions** | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. |
| **Storage buffer** | pH: 7.2<br>Preservative: 0.01% Sodium azide<br>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA |
| **Purity** | Protein A purified |
| **Clonality** | Monoclonal |

| | |
|---|---|
| **Clone number** | EPR11220 |
| **Isotype** | IgG |

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab166621 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 |
|---|---|---|
| **WB** | | 1/1000 - 1/5000. Predicted molecular weight: 36 kDa. |
| **IP** | | 1/10 - 1/100. |

**Application notes** Is unsuitable for Flow Cyt,ICC/IF or IHC-P.

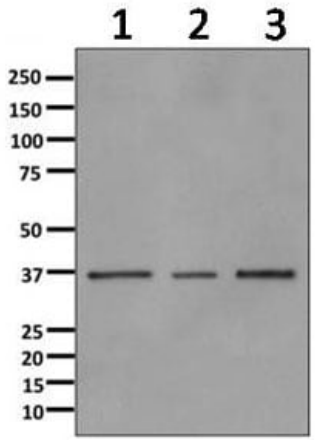
## Target

**Function** Low affinity receptor for acetylcholine known to be targeted by disease-causing pemphigus vulgaris antibodies in keratinocytes.

**Tissue specificity** Expressed in the stratified squamous skin epithelium, but not in epithelia of other types (at protein level).

**Sequence similarities** Belongs to the annexin family.
Contains 4 annexin repeats.

## Images



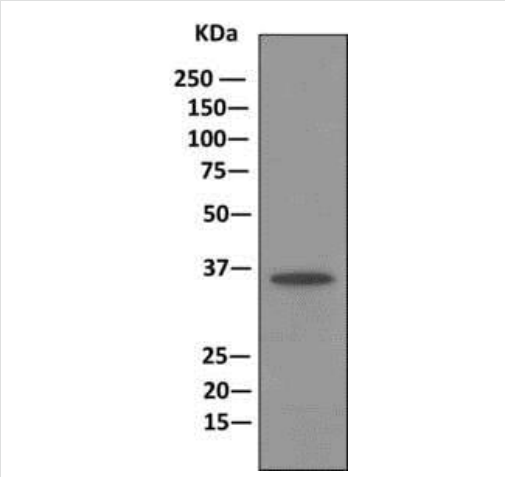

Western blot - Anti-Annexin-9/ANXA9 antibody [EPR11220] (ab166621)

**All lanes :** Anti-Annexin-9/ANXA9 antibody [EPR11220] (ab166621) at 1/1000 dilution

**Lane 1 :** Human fetal kidney lysates
**Lane 2 :** Human tonsil lysates
**Lane 3 :** A431 lysates

Lysates/proteins at 10 µg per lane.

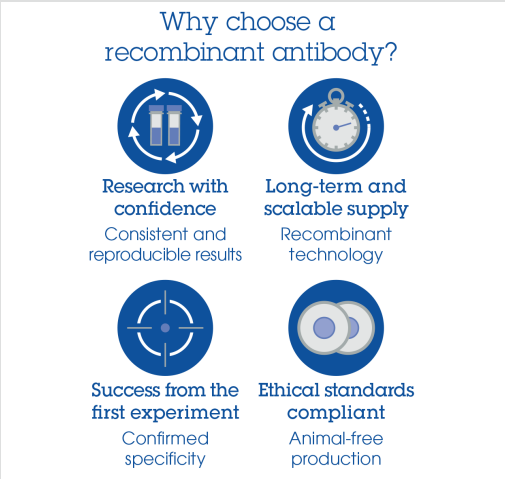
**Predicted band size:** 36 kDa




Immunoprecipitation - Anti-Annexin-9/ANXA9 antibody [EPR11220] (ab166621)

Immunoprecipitation of Annexin-9/ANXA9 from pellet from Human fetal kidney lysate using ab166621 at 1/10 dilution, followed by WB detection of Annexin-9/ANXA9.

Anti-Annexin-9/ANXA9 antibody [EPR11220] (ab166621) at 1/1000 dilution + Immunoprecipitation pellet from fetal kidney tissue lysate at 10 µg




Anti-Annexin-9/ANXA9 antibody [EPR11220] (ab166621)

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

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