


## Product datasheet

### Anti-Pirin/PIR antibody [EPR11375(B)] ab157212

Recombinant RabMAb

2 Images

#### Overview

|                            |  |
|----------------------------|--|
| <b>Product name</b>        | Anti-Pirin/PIR antibody [EPR11375(B)]  |
| <b>Description</b>         | Rabbit monoclonal [EPR11375(B)] to Pirin/PIR   |
| <b>Host species</b>        | Rabbit   |
| <b>Tested applications</b> | <b>Suitable for:</b> WB<br><b>Unsuitable for:</b> Flow Cyt, ICC/IF, IHC-P or IP  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human<br><b>Predicted to work with:</b> Mouse, Rat    |
| <b>Immunogen</b>           | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.  |
| <b>Positive control</b>    | MCF7, HeLa, A431 and A375 cell lysates.  |
| <b>General notes</b>       | This product is a recombinant monoclonal antibody, which offers several advantages including: <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> For more information <a href="#">see here</a> .<br>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> . |

#### Properties

|                             |  |
|-----------------------------|--|
| <b>Form</b>                 | Liquid   |
| <b>Storage instructions</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.   |
| <b>Storage buffer</b>       | pH: 7.2<br>Preservative: 0.01% Sodium azide<br>Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant |
| <b>Purity</b>               | Tissue culture supernatant   |
| <b>Clonality</b>            | Monoclonal   |
| <b>Clone number</b>         | EPR11375(B)  |

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab157212 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 - 1/10000. Predicted molecular weight: 32 kDa. |

### Application notes

Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

## Target

### Function

Possible transcriptional coregulator. May contribute to the regulation of cellular processes via its interaction with BCL3. May be required for efficient terminal myeloid maturation of hematopoietic cells. May play a role in the regulation of cell migration. May promote apoptosis when overexpressed. Has quercetin 2,3-dioxygenase activity (in vitro).

### Tissue specificity

Highly expressed in a subset of melanomas. Detected at very low levels in most tissues (at protein level). Expressed in all tissues, with highest level of expression in heart and liver.

### Pathway

Flavonoid metabolism; quercetin degradation.

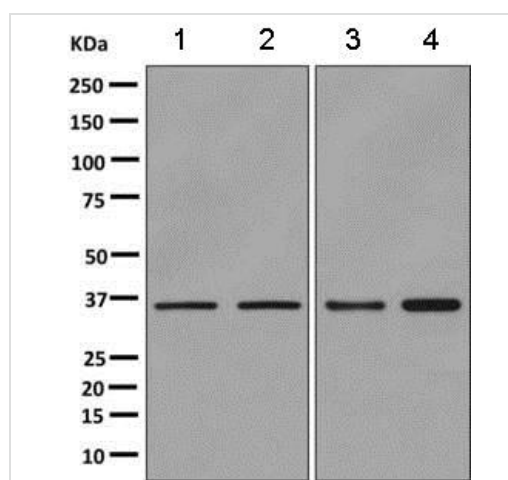
### Sequence similarities

Belongs to the pirin family.

### Cellular localization

Nucleus. Cytoplasm. Predominantly localized in dot-like subnuclear structures. Cytoplasmic localization of PIR seems to positively correlate with melanoma progression.

## Images



**All lanes** : Anti-Pirin/PIR antibody [EPR11375(B)] (ab157212) at 1/1000 dilution

**Lane 1** : MCF-7 cell lysate

**Lane 2** : HeLa cell lysate

**Lane 3** : A431 cell lysate

**Lane 4** : A375 cell lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 32 kDa

Western blot - Anti-Pirin/PIR antibody

[EPR11375(B)] (ab157212)

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-Pirin/PIR antibody [EPR11375(B)] (ab157212)

**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