

Product datasheet

Anti-PYCR2 antibody [2F11] ab117913

画像数 3

製品の概要

|              |  |
|--------------|--|
| 製品名          | Anti-PYCR2 antibody [2F11]   |
| 製品の詳細        | Mouse monoclonal [2F11] to PYCR2   |
| アプリケーション     | <b>適用あり:</b> WB, ICC/IF  |
| 種交差性         | <b>交差種:</b> Human  |
| 免疫原          | Recombinant Full length human PYCR2 proetin produced in HEK293T cells (NP_037460).   |
| ポジティブ・コントロール | HEK293T cell lysate transfected with pCMV6-ENTRY PYCR2; HepG2, HeLa, Jurkat cell lysates; COS7 cells transiently transfected by pCMV6-ENTRY PYCR2. |
| 特記事項         | Stable for 12 months from date of receipt.   |

製品の特性

|           |  |
|-----------|--|
| 製品の状態     | Liquid   |
| 保存方法      | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. |
| バッファー     | pH: 7.30<br>Preservative: 0.02% Sodium azide<br>Constituents: 48% PBS, 50% Glycerol, 1% BSA    |
| 精製度       | Protein A purified   |
| 特記事項 (精製) | ab117913 is purified from Mouse ascites fluids by affinity chromatography.                     |
| ポリ/モノ     | モノクローナル  |
| クローン名     | 2F11   |
| アイソタイプ    | IgG2b  |

アプリケーション

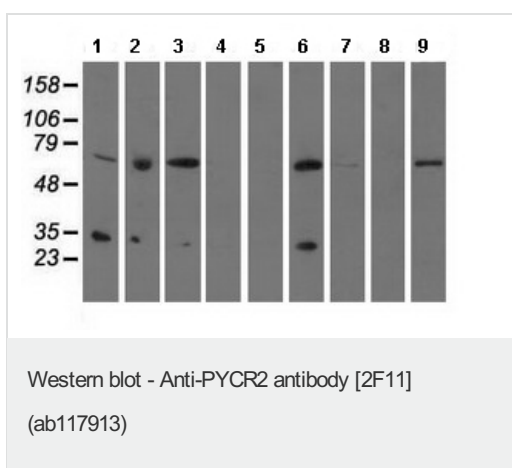
Our [Abpromise guarantee](#) covers the use of **ab117913** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項  |
|----------|-----------|---|
| WB       |           | 1/500 - 1/2000. Predicted molecular weight: 34 kDa. |
| ICC/IF   |           | 1/100.  |

|              |  |
|--------------|--|
| <b>機能</b>    | Housekeeping enzyme that catalyzes the last step in proline biosynthesis. In some cell types, such as erythrocytes, its primary function may be the generation of NADP(+). Can utilize both NAD and NADP. Has higher affinity for NADP, but higher catalytic efficiency with NADH. |
| <b>組織特異性</b> | Detected in erythrocytes (at protein level).   |
| <b>パスウェイ</b> | Amino-acid biosynthesis; L-proline biosynthesis; L-proline from L-glutamate 5-semialdehyde: step 1/1.  |
| <b>配列類似性</b> | Belongs to the pyrroline-5-carboxylate reductase family.   |
| <b>細胞内局在</b> | Cytoplasm.   |

**Anti-PYCR2 antibody [2F11] 画像**

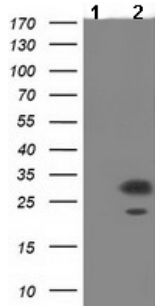


**All lanes** : Anti-PYCR2 antibody [2F11]  
(ab117913) at 1/500 dilution

- Lane 1** : HepG2 cell lysate
- Lane 2** : HeLa cell lysate
- Lane 3** : HT29 cell lysate
- Lane 4** : A549 cell lysate
- Lane 5** : COS7 cell lysate
- Lane 6** : Jurkat cell lysate
- Lane 7** : MDCK cell lysate
- Lane 8** : PC12 cell lysate
- Lane 9** : MCF7 cell lysate

Lysates/proteins at 35 µg per lane.

**Predicted band size** : 34 kDa  
HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC204525)



Western blot - Anti-PYCR2 antibody [2F11]  
(ab117913)

**All lanes :** Anti-PYCR2 antibody [2F11]  
(ab117913) at 1/500 dilution

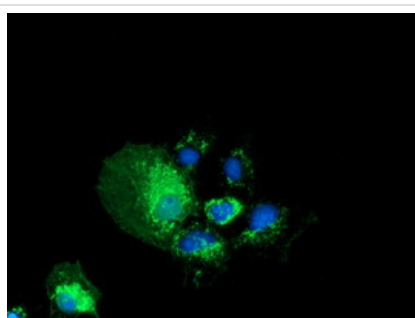
**Lane 1 :** HEK293T cell lysate transfected with the pCMV6-ENTRY control cDNA

**Lane 2 :** HEK293T cell lysate transfected with the pCMV6-ENTRY PYCR2 cDNA

Lysates/proteins at 5 µg per lane.

**Predicted band size :** 34 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC204525)



Immunocytochemistry/ Immunofluorescence - Anti-PYCR2 antibody [2F11] (ab117913)

ab117913 at 1/100 dilution staining PYCR2 in COS7 cells transiently transfected by pCMV6-ENTRY PYCR2 by Immunofluorescence.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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