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# anti-S100PBP antibody (AA 331-408) (Cy3)





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|--------|-----|-------------|-----|---|---|---|---|
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| Quantity:            | 100 μL  |
|----------------------|---|
| Target:              | S100PBP   |
| Binding Specificity: | AA 331-408  |
| Reactivity:          | Human, Mouse  |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This S100PBP antibody is conjugated to Cy3  |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

#### **Product Details**

| Immunogen:            | KLH conjugated synthetic peptide derived from human S100P binding protein |
|-----------------------|---|
| Isotype:              | IgG   |
| Cross-Reactivity:     | Human, Mouse  |
| Predicted Reactivity: | Rat   |
| Purification:         | Purified by Protein A.  |

### **Target Details**

| Target:           | S100PBP                                  |
|-------------------|--|
| Alternative Name: | S100P binding protein (S100PBP Products) |

#### **Target Details**

| Background: | Synonyms: S1PBPR, S1P-binding protein, S1P-binding protein Riken, S1PBP  Background: S100PBP was originally cloned from a pancreatic epithelioid carcinoma library and encodes a predicted 408 amino acid protein. RT-PCR detected S100PBP expression in brain, breast, spleen, and lung, but not in pancreas and liver. GFP-tagged S100PBP localized to nuclei of transfected HeLa cells. |
|-------------|--|
| Gene ID:    | 64766  |
| UniProt:    | Q96BU1   |

## **Application Details**

| Application Notes: | FCM 1:20-100          |
|--------------------|-----------------------|
|                    | IF(IHC-P) 1:50-200    |
|                    | IF(IHC-F) 1:50-200    |
|                    | IF(ICC) 1:50-200      |
| Restrictions:      | For Research Use only |

#### Handling

| Format:            | Liquid   |
|--------------------|--|
| Concentration:     | 1 μg/μL  |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.         |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months  |

#### **Publications**

Product cited in:

Mo, Sun, Zhao, Gu, Dong, Liu, Ma, Zhao, Liu, Chi, Sun: "The in-vitro spheroid culture induces a more highly differentiated but tumorigenic population from melanoma cell lines." in: **Melanoma research**, Vol. 23, Issue 4, pp. 254-63, (2013) (PubMed).