

## Product datasheet

# Anti-SHP1 antibody [PTY13] ab661

### 5 References

#### 概述

产品名称	Anti-SHP1抗体[PTY13]
描述	小鼠单克隆抗体[PTY13] to SHP1
宿主	Mouse
特异性	This antibody recognizes the catalytic domain of 67 kDa SHP1 (PTP1C).
经测试应用	适用于: WB, IP, ICC
种属反应性	与反应: Human
免疫原	Recombinant full length protein (Human).
常规说明	Abcam is committed to meeting high standards of ethical manufacturing and as such, we will be discontinuing this product, which has been generated by the ascites method, within the next year. We are sorry for any inconvenience this may cause. If you would like help finding an alternative product, please do not hesitate to contact our scientific support team.

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
纯化说明	Affinity purified from ascitic fluid.
克隆	单克隆
克隆编号	PTY13
骨髓瘤	unknown
同种型	IgG2a
轻链类型	kappa

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab661** in the following tested applications.

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

应用	Ab评论	说明
WB		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
ICC		Use at an assay dependent concentration.

## 靶标

<b>功能</b>	Plays a key role in hematopoiesis. This PTPase activity may directly link growth factor receptors and other signaling proteins through protein-tyrosine phosphorylation. The SH2 regions may interact with other cellular components to modulate its own phosphatase activity against interacting substrates. Together with MTUS1, induces UBE2V2 expression upon angiotensin II stimulation.
<b>组织特异性</b>	Isoform 1 is expressed in hematopoietic cells. Isoform 2 is expressed in non-hematopoietic cells.
<b>序列相似性</b>	Belongs to the protein-tyrosine phosphatase family. Non-receptor class 2 subfamily. Contains 2 SH2 domains. Contains 1 tyrosine-protein phosphatase domain.
<b>翻译后修饰</b>	Phosphorylated on serine and tyrosine residues.
<b>细胞定位</b>	Cytoplasm. Nucleus. In neurons, translocates into the nucleus after treatment with angiotensin II.

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

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