

## 小鼠抗 PRKAB1 单克隆抗体

中文名称： 小鼠抗 PRKAB1 单克隆抗体

英文名称： Anti-PRKAB1 mouse monoclonal antibody

别名： protein kinase AMP-activated non-catalytic subunit beta 1; AMPK; HAMPKb

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Mouse

抗原： PRKAB1

反应种属： Human, Mouse, Rat, Monkey

标记物： Unconjugate

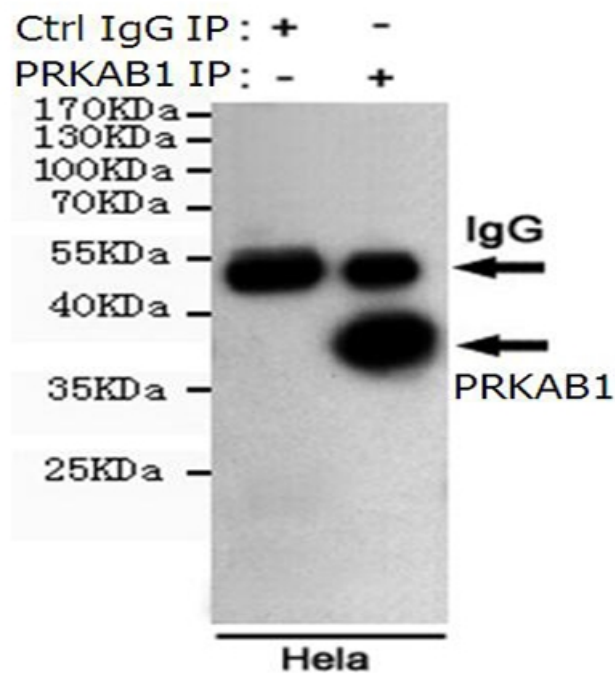
克隆类型： Mouse Monoclonal

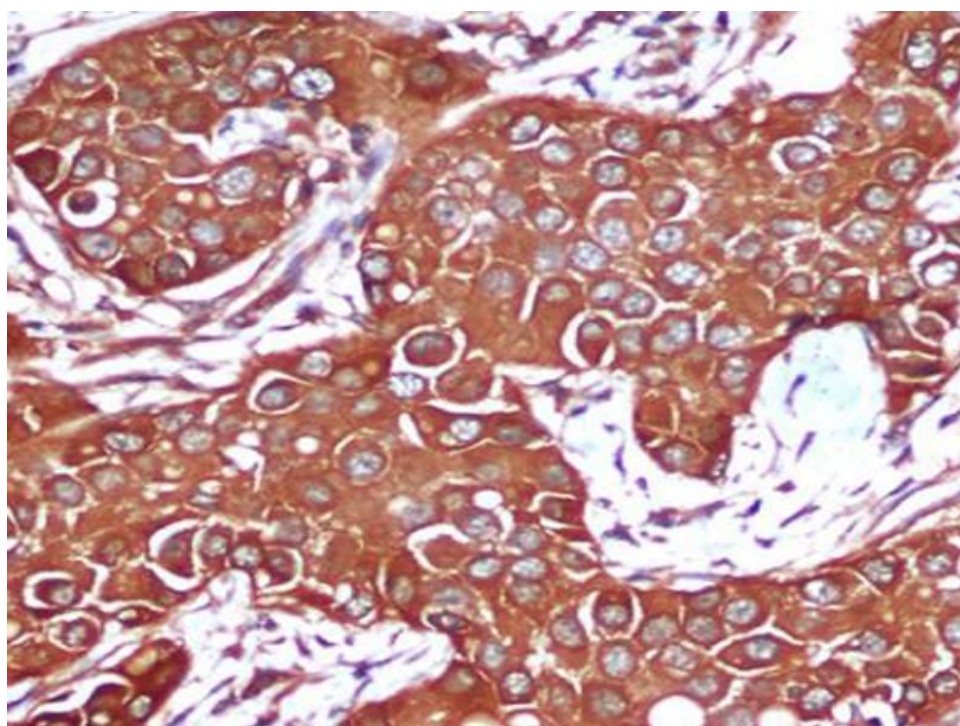
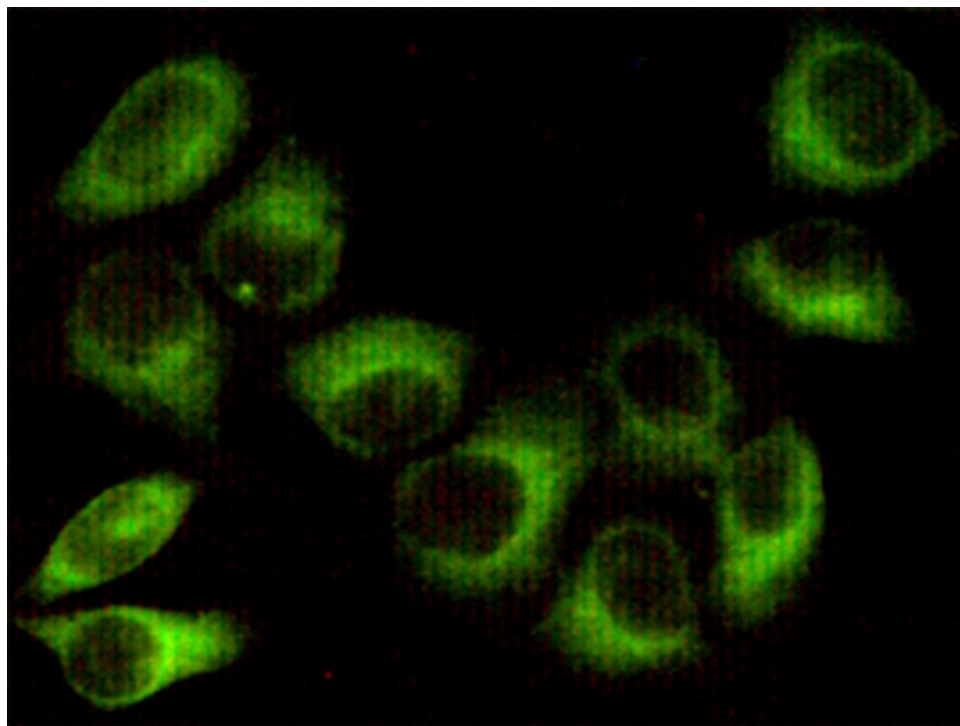
### 技术规格

**Background:**

The protein encoded by this gene is a regulatory subunit of the AMP-activated protein kinase (AMPK). AMPK is a heterotrimer consisting of an alpha catalytic subunit, and non-catalytic beta and gamma subunits. AMPK is an important energy-sensing enzyme that monitors cellular energy status. In response to cellular metabolic stresses, AMPK is activated, and thus phosphorylates and inactivates acetyl-CoA carboxylase (ACC) and beta-hydroxy beta-methylglutaryl-CoA reductase (HMGCR), key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol. This subunit may be a positive regulator of AMPK activity. The myristoylation and phosphorylation of this subunit have been

	n shown to affect the enzyme activity and cellular localization of AMPK. This subunit may also serve as an adaptor molecule mediating the association of the AMPK complex.
<b>Applications:</b>	WB, IF, IP, IHC
<b>Name of antibody:</b>	PRKAB1
<b>Immunogen:</b>	Fusion protein of human PRKAB1
<b>Full name:</b>	protein kinase AMP-activated non-catalytic subunit beta 1
<b>Synonyms:</b>	AMPK; HAMPKb
<b>SwissProt:</b>	Q9Y478
<b>IHC positive control:</b>	Human breast cancer
<b>IHC Recommend dilution:</b>	100-200
<b>WB Predicted band size:</b>	30 kDa
<b>WB Positive control:</b>	3T3, HeLa, PC-12, COS7 and MDA-MB-468 cell lysates
<b>WB Recommended dilution:</b>	1000-5000
<b>IF positive control:</b>	HeLa cells
<b>IF Recommend dilution:</b>	50-100





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