

# Anti-CD130 (gp130) antibody [B-R3] - BSA and Azide free ab34315

## 4 References

### 概述

产品名称	Anti-CD130 (gp130)抗体[B-R3] - BSA and Azide free
描述	小鼠单克隆抗体[B-R3] to CD130 (gp130) - BSA and Azide free
宿主	Mouse
特异性	Recognizes a 130 kDa protein.
经测试应用	适用于: Flow Cyt, ELISA, Functional Studies
种属反应性	与反应: Human
免疫原	Chemical/ Small Molecule corresponding to Human CD130 (gp130). Database link: <a href="#">P40189</a>
常规说明	<p>ab34315 inhibits IL6, IL11, CNTF, LIF and OSM activity. Inhibits OSM and CNTF binding</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 Constituent: PBS
无载体	是
纯化说明	Purified by Ion exchange chromatography, sterile-filtered through 0.22 µm. Treated to remove endotoxins.
Primary antibody说明	ab34315 inhibits IL6, IL11, CNTF, LIF and OSM activity. Inhibits OSM and CNTF binding

克隆	单克隆
克隆编号	B-R3
骨髓瘤	x63-Ag8.653
同种型	IgG2a

## 应用

**The Abpromise guarantee** Abpromise™ 承诺保证使用ab34315于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt		Use at an assay dependent concentration. <b>ab170191</b> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
ELISA		Use at an assay dependent concentration.
Functional Studies		Use at an assay dependent concentration.

## 靶标

功能	Signal-transducing molecule. The receptor systems for IL6, LIF, OSM, CNTF, IL11, CTF1 and BSF3 can utilize gp130 for initiating signal transmission. Binds to IL6/IL6R (alpha chain) complex, resulting in the formation of high-affinity IL6 binding sites, and transduces the signal. Does not bind IL6. May have a role in embryonic development (By similarity). The type I OSM receptor is capable of transducing OSM-specific signaling events.
组织特异性	Found in all the tissues and cell lines examined. Expression not restricted to IL6 responsive cells.
序列相似性	Belongs to the type I cytokine receptor family. Type 2 subfamily. Contains 5 fibronectin type-III domains. Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
结构域	The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding. The box 1 motif is required for JAK interaction and/or activation.
翻译后修饰	Phosphorylation of Ser-782 down-regulates cell surface expression. Heavily N-glycosylated.
细胞定位	Secreted and Cell membrane.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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