


## Product datasheet

# Anti-M6PR (cation independent) antibody [MEM-238] (Phycoerythrin) ab77135

### 1 References

#### 概述

<b>产品名称</b>	Anti-M6PR (cation independent)抗体[MEM-238] (Phycoerythrin)
<b>描述</b>	小鼠单克隆抗体[MEM-238] to M6PR (cation independent) (Phycoerythrin)
<b>偶联物</b>	Phycoerythrin. Ex: 488nm, Em: 575nm
<b>经测试应用</b>	<b>适用于:</b> Flow Cyt
<b>种属反应性</b>	<b>与反应:</b> Human <b>预测可用于:</b> Non human primates 
<b>免疫原</b>	Recombinant Vaccinia virus encoding CD222.
<b>表位</b>	Ab77135 recognizes an epitope between domains 2 and 5 of CD222
<b>阳性对照</b>	Human blood cells

#### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C.
<b>存储溶液</b>	Preservative: 15mM Sodium Azide Constituents: 0.2% BSA (high grade protease free), PBS
<b>纯度</b>	>95% by SDS-PAGE
<b>纯化说明</b>	ab77135 is purified by size exclusion chromatography
<b>克隆</b>	单克隆
<b>克隆编号</b>	MEM-238
<b>同种型</b>	IgG1

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab77135** 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
----	------	----

Flow Cyt

---

**应用说明**

Flow Cyt: Use 20 µl for 10<sup>6</sup> cells in a suspension or 100 µl of whole blood.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

---

**靶标****功能**

Transport of phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to lysosomes. Lysosomal enzymes bearing phosphomannosyl residues bind specifically to mannose-6-phosphate receptors in the Golgi apparatus and the resulting receptor-ligand complex is transported to an acidic prelysosomal compartment where the low pH mediates the dissociation of the complex. This receptor also binds IGF2. Acts as a positive regulator of T-cell coactivation, by binding DPP4.

**序列相似性**

Belongs to the MRL1/IGF2R family.

Contains 1 fibronectin type-II domain.

**结构域**

Contains 15 repeating units of approximately 147 AA harboring four disulfide bonds each. The most highly conserved region within the repeat consists of a stretch of 13 AA that contains cysteines at both ends.

**细胞定位**

Lysosome membrane. Colocalized with DPP4 in internalized cytoplasmic vesicles adjacent to the cell surface.

---

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

---

**Our Abpromise to you: Quality guaranteed and expert technical support**

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.cn/abpromise> or contact our technical team.

---

**Terms and conditions**

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors