



HA-Tag monoclonal antibody(rabbit)

货号: QS04083 宿主: 兔

Catalog: QS04083 Host: Rabbit

研究背景 BackGround:

人流感血凝素 (HA) 是人流感病毒传染性所需的一种表面糖蛋白。HA标签来源于氨基酸98-106对应的HA分子，已被广泛用作表达载体中的通用表位标签。许多重组蛋白已被设计表达HA标签，这似乎不会干扰重组蛋白的生物活性或生物分布。该标签有助于蛋白质的检测、分离和纯化。

Human influenza hemagglutinin (HA) is a surface glycoprotein required for the infectivity of the human virus. The HA tag is derived from the HA molecule corresponding to amino acids 98-106 has been extensively used as a general epitope tag in expression vectors. Many recombinant proteins have been engineered to express the HA tag, which does not appear to interfere with the bio- activity or the biodistribution of the recombinant protein. This tag facilitates the detection, isolation, and purification of the proteins.

产品 Product:

1mg/mL的PBS溶液（含0.02%叠氮化钠，50%甘油，pH7.2）。

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol,pH7.2

提纯和纯度 Purification & Purity:

抗体用A+G蛋白从细胞培养上清亲和纯化，纯度为0.95% (SDS-PAGE)。

The antibody was affinity-purified from cell culture supernatant by protein A+G and the purity is > 95% (by SDS-PAGE).

应用 Applications:

WB: 1:20000~1:100000

IHC/IF: 1:500~1:2000

IP: 1:50~1:200

存储和稳定性 Storage & Stability:

在 4° C 下短期储存。分装并在 -20° C 下长期储存。避免反复冻融。

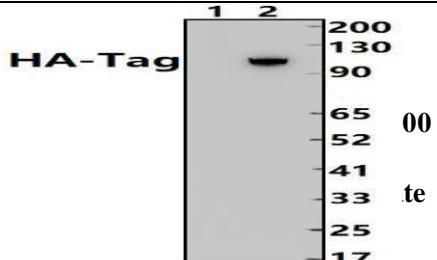
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

特异性 Specificity:

HA标签兔单克隆抗体能够特异性识别并检测含有HA表位标签的过表达蛋白质。

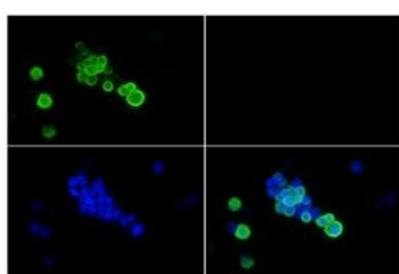
HA-Tag rabbit mAb detects over-expressed proteins containing the HA epitope tag.

数据 DATA:



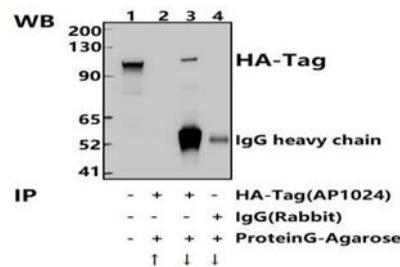
Western blot (WB) 分析采用HA标签兔单克隆抗体（1:100,000稀释），实验设置如下：Lane 1：HEK293F全细胞裂解液（未转染样本）；Lane 2：HEK293F全细胞裂解液（转染C端HA标签质粒样本）。

Western blot (WB) analysis of HA-Tag rabbit mAb at 1:100000 dilution. Lane 1: HEK293F whole cell lysate. Lane 2: HEK293F whole cell lysate, transfected (C-HA).



本研究采用免疫荧光技术，通过HA标签单克隆抗体对转染HA标签质粒的HEK293F细胞进行特异性染色分析。

Immunofluorescent analysis of HA-Tag mAb staining in transfected HEK293F cells.



采用HA标签单克隆抗体（货号#BD0048，琼脂糖珠偶联物）对HA标签质粒转染的HEK293F细胞进行免疫沉淀实验，具体分组如下：实验组（Lane 2及Lane 3）与非特异性IgG对照组（Lane 4），其中Lane 1为30%上样量对照。后续Western blot检测采用HA标签单克隆抗体，箭头标识“↑”表示上清液组分，“↓”代表沉淀组分。

Immunoprecipitation of transfected HEK293F using HA-Tag mAb (lane 2 and lane 3) and Nonspecific IgG Control (lane 4). Lane 1 is 30% input. The western blot was probed using HA-Tag mAb. “↑” (supernatant); “↓” (deposition)

备注 Note:

仅供研究使用，不得用于诊断实验。

For research use only, not for use in diagnostic procedure.