

Recombinant Human CD326

编号: PY2130

规格: 5 µg
20 µg
100 µg
500 µg
1 mg

类别: 重组蛋白

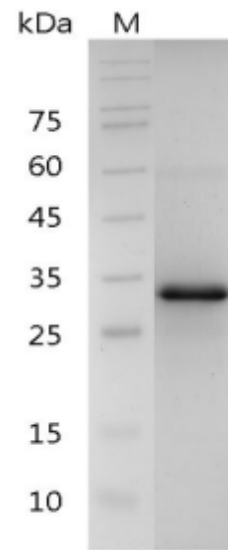
应用: Functional Assay

产品简介

描述: Epithelial cell adhesion molecule (EpCAM) / CD326 is a pan-epithelial differentiation antigen that is expressed on almost all carcinomas as 17-1A(mAb) antigen. Besides, EpCAM is also involved in cell signaling, migration, proliferation, and differentiation. It is intricately linked with the Cadherin-Catenin pathway and hence the fundamental WNT pathway responsible for intracellular signaling and polarity. Recently, The epithelial cell adhesion molecule (Ep-CAM) is known to express in most epithelial malignancies and was reported as a tumor marker or a candidate of molecular targeting therapy. EpCAM can be used as diagnostic marker for various cancers. It appears to play a role in tumorigenesis and metastasis of carcinomas, so it can also act as a prognostic marker and as a potential target for immunotherapeutic strategies.

来源: *Escherichia coli*

纯度: >95% as determined by SDS-PAGE. Ni-NTA chromatography.



SDS- PAGE analysis of recombinant human CD326

生物学活性: Measure by the ability of the immobilized protein to support the adhesion of the 3T3 cells. The ED₅₀ for this effect is 0.2-1.7ng/mL.

内毒素检测: <0.1 EU per 1 µg of the protein by the LAL method.

蛋白序列: MQEEVCENYKLAVNCFVNNNRQC
QCTSVGAQNTVICKLAACKLVMKAE
MNGSKLGRRRAKPEGALQNDGLYD
PDCDESGLFKAKQCNGTSMCWCVN
TAGVRRTDKDTEITCSERVRTYWIIEL
KHKAREKPYDSKSLRTALQKEITTRYQ
LDPKFITSILYENNVITIDLVQNSSQKT
QNDVDIADVAYYFEKDVKGESLFHSK
KMDLTVNGEQLDLDPGQTLIIYYVDEK
APEFSMQGLK with polyhistidine tag at the C-terminus

产品组成

成分: 从含有 1X PBS, pH 8.0 溶液中冻干的蛋白质.

产品储存运输

产品形式	储存温度	储存时间
冻干粉	-20°C至-80°C	自收到之日起1年
重悬液 (初始)	2°C至8°C	不超过1周
重悬液 (经稀释)	-20°C至-80°C	3到6个月

运输方式: 蓝冰

产品使用

- 1、开盖前，建议3000-3500rpm离心5min。
- 2、推荐使用无菌水重悬冻干粉，溶液浓度不低于100µg/mL，不高于1mg/mL，并室温静置至少20min以充分溶解。勿涡旋剧烈振荡。
- 3、重悬后的溶液，2 -8°C无菌保存不超过1周。
- 4、如需长期保存，推荐使用无菌的含载体蛋白（如0.1 %BSA、10 % FBS 或5 % HSA ）的溶液进一步稀释（不低于10ug/mL）后分装保存，-20°C至 -80°C无菌保存3到6个月。无血清实验需求时，可更换为 5%海藻糖溶液作为载体。避免反复冻融。

WB= Western Blot; IP= Immunoprecipitation; IF= Immunofluorescence; IHC= Immunohistochemistry;
FACS= Fluorescence activated Cell Sorting; FA= Functional Assay