

Recombinant HIV1 gp41 protein ab49070

[2 References](#) [1 图像](#)

描述

产品名称	重组HIV1 gp41 蛋白
纯度	> 90 % SDS-PAGE. Purified by affinity chromatography.
表达系统	Escherichia coli
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
序列	IEFPGIFRPG GGDMRDNWS ELYKYKVVKI EPLGVAPTKA KRRVVQREKR AVGIGALFLG FLGAAGSTMG AASMTLTVQA RQLLSGIVQQ QNNLLRAIEA QQHLLQLTVW GIKQLQARIL AVERYLKDQQ LLGIWGCSGK LICTTAVPWN ASWSNKSLEQ IWNMTWMEW DREINNYTSL IHSLIEESQN QQEKNEQEL LELDKWASLW NWFNITNWLW YIKLFIMIVG GLVGLRIVFA VLSVNNRVRQ GYSPLSFQTH LPIPRGPDRP EGIEEEGGER DRDRSIRLVN GSLALIWDDL RSLCLFSYHR LRDLLLLIVTR IVELLGRRGW EALKYWWNLL QYWSQELKNS AVSLLNATAI AVAEGTDRVI EVVQGAYRAI RHIPRRIRQG LERILL

额外的序列信息 Tag: Beta galactosidase N-terminus.

技术指标

Our **Abpromise guarantee** covers the use of **ab49070** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	ELISA Western blot
形式	Liquid

制备和贮存

稳定性和存储

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

pH: 7.2

Preservative: 0.01% Sodium azide

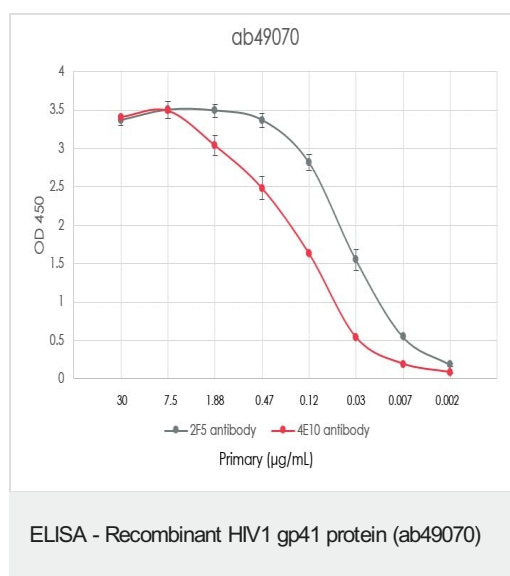
Constituents: 9% Urea, 0.395% Tris HCl, 0.0292% EDTA, 50% Glycerol (glycerin, glycerine)

常规信息

相关性

gp41/120 is the major HIV protein associated with the HIV envelope. It functions as the viral antireceptor or attachment protein. gp41 (or TM) traverses the envelope, whereas gp120 is present on the outer surface and is noncovalently attached to gp41. The precursor of gp120/41 (gp160) is synthesized in the endoplasmic reticulum and is transported via the golgi body to the cell surface. Upon activation of the envelope glycoprotein (gp120/41) by cellular receptors, gp41 undergoes conformational changes that mediate fusion of the viral and cellular membranes.

图片



ELISA using ab49070 at 2µg/mL Antibodies which recognise the 2F5 and 4E10 epitope were used as primary antibodies, and Protein A HRP was used as a secondary antibody.

Significance: gp41-specific antibodies which bind two different epitopes are able to recognize this full length gp41 in ELISA

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