

Product datasheet

HIV gp41 L peptide ab43148

概述

产品名称 HIV gp41 L多肽

描述

性质 Synthetic

技术指标

Our [Abpromise guarantee](#) covers the use of **ab43148** in the following tested applications.

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

生物活性 Immunoreactive with all sera of HIV type O infected individuals.

应用 Western blot

ELISA

形式 Liquid

补充说明 Immunoreactive with all sera of HIV type O infected individuals.

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.

Preservative: None

Constituents: H₂O

常规信息

相关性 The transmembrane protein gp41 (TM) acts as a class I viral fusion protein. Under the current model, the protein has at least 3 conformational states: pre-fusion native state, pre-hairpin intermediate state, and post-fusion hairpin state. During viral and target cell membrane fusion, the coiled coil regions (heptad repeats) assume a trimer-of-hairpins structure, positioning the fusion peptide in close proximity to the C-terminal region of the ectodomain. The formation of this structure appears to drive apposition and subsequent fusion of viral and target cell membranes. Membranes fusion leads to delivery of the nucleocapsid into the cytoplasm.

细胞定位 Cell membrane

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