

## Product datasheet

# HIV gp41 L peptide ab43148

### 製品の概要

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**製品名** HIV gp41 L peptide

### 製品の詳細

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**由来** Synthetic

### 特性

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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.

**生理活性** Immunoreactive with all sera of HIV type O infected individuals.

**アプリケーション** Western blot

ELISA

**製品の状態** Liquid

**備考** Immunoreactive with all sera of HIV type O infected individuals.

### 前処理および保存

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**保存方法および安定性** Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Preservative: None

Constituents: H<sub>2</sub>O

### 関連情報

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**関連性** 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.

**細胞内局在** Cell membrane

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