

Catalog	Unit
TBS10229-0.5	0.5 mg
TBS10229-1	1 mg
TBS10229-5	5 mg
TBS10229-25	25 mg

Product Details

Description: The HIV gp120-gp41 interface is a critical region for the virus's ability to infect host cells. gp120 is responsible for binding to the CD4 receptor on host cells, which triggers conformational changes that expose the gp41 subunit. gp41 facilitates the fusion of the viral membrane with the host cell membrane, allowing the viral RNA to enter the host cell. The interface between gp120 and gp41 is a target for neutralizing antibodies and therapeutic interventions aimed at preventing HIV entry into host cells.

Alternative names: Human immunodeficiency virus gp120-gp41 interface

Applications:

- ELISA
- Western blot
- immunohistochemistry (IHC)
- Flow Cytometry (FC)
- in vitro and in vivo functional assays.

Molecular Weight: 150 kDa

Host: Human

Isotype: Human IgG1, lambda.

Concentration: 4 mg/ml

Purity: 95%

Formulation: PBS, pH 7.0, no stabilizers or preservatives

Endotoxin: < 2EU/mg

Clonality: Monoclonal

Sterility: 0.2 µm filtered

Storage: 2 to 8°C for one month, -20°C for three months.

For research use only.