

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: B65971G **Lot #:** 4L34321

Description: Goat anti HIV-1 gp41
Goat Antibody to Human Immunodeficiency Virus Type 1 (HIV-1), gp41

Specificity: a.a. 546-a.a.682 sequence from strain HxB2. Reactive with gp41 in Western Blot immunoassay. Antiserum does not cross-react with human T or B cells. Antiserum has not been adsorbed to remove anti-beta-galactosidase activity.

Host Animal: Goat

Immunogen: Recombinant (*P. Pastoris*) ectodomain of gp41 (glycosylated).

Format: Purified, Liquid

Purification: > 95% pure. Sodium sulfate precipitation and ion-exchange chromatography.

Concentration: 4-5 mg/mL (OD280nm, $E^{0.1\%} = 1.4$)

Buffer: 0.01 M Phosphate Buffered Saline, pH 7.2
No stabilizing proteins have been added.

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in Western Blot. It is also suitable for conjugation purposes. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Short-term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Safety Notes (s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



07 APR 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY