

## Product Datasheet

### HIV-1 (CD4bs (gp120)) Human Monoclonal Antibody (654-30D) (orb234176)

**Description**

HIV-1 (CD4bs (gp120)) Human

**Species/Host**

Human

**Reactivity**

Virus

**Conjugation**

Unconjugated

**Tested**

ELISA, FC, NeA

**Applications**
**Immunogen**

This antibody was generated from HIV-infected individuals by a method based on the Epstein-Barr virus transformation of peripheral blood mononuclear cells (PBMCs) followed by fusion with heteromyeloma cells. The epitope for this antibody is discontinuous.

**Target**

HIV-1 (CD4bs (gp120))

**Form/Appearance**

Lyophilized protein G purified in PBS pH7.4

**Storage**

Lyophilized antibodies can be kept at 4°C for up to 3 months and should be kept at -20°C for long-term storage (2 years). To avoid freeze-thaw cycles, reconstituted antibodies should be aliquoted before freezing for long-term (1 year) storage (-80°C) or kept at 4°C for short-term usage (2 months). For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made with the assay buffer. After the maximum long-term storage period (2 years lyophilized or 1 year reconstituted) antibodies should be tested in your assay with a standard sample to verify if you have noticed any decrease in their efficacy. To limit antibody loss or degradation, BSA (final concentration 1%) and sodium azide (final concentration 0.02%) can be added to the suggested first dilution. It is important to first verify if those preservatives are compatible with your assay.

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**Expiration Date**

12 months from date of receipt.