

Monoclonal Anti-Human Immunodeficiency Virus Type 1 (HIV-1) gp41/gp120 Glycoprotein (35022), (produced in Expi293 Cells)

Catalog No. HRP-12586

Product Description:

Antibody Class: IgG1

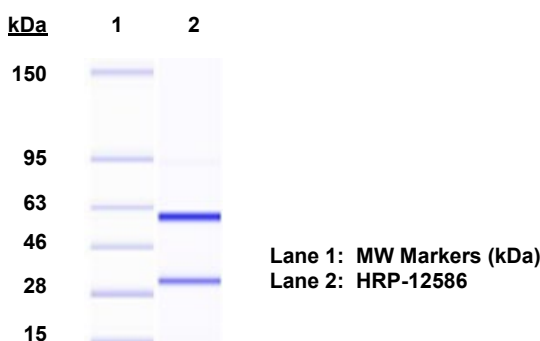
HRP-12586 is a monoclonal anti-human immunodeficiency virus type 1 (HIV-1) recombinant antibody, produced in Expi293 cells by transfection of plasmids expressing corresponding immunoglobulin light (BEI Resources ARP-12585, Genbank: KM001880) and heavy chains (BEI Resources ARP-12584, Genbank: KM001872). The antibody was purified by protein G chromatography. It is a broadly neutralizing monoclonal antibody that binds to the interface between gp120 and gp41.

Lot: 70075596

Manufacturing Date: 28JUL2025

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG1	IgG1 _λ
Agilent® Protein 230 Analysis	Correct molecular weight (MW) for heavy and light chains; Report purity	Correct molecular weight (MW) for heavy and light chains (Figure 1); 96.3% pure
Concentration by Spectrophotometer at OD ₂₈₀	~ 1 mg/mL	1.4 mg/mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

Figure 1: Agilent® Protein 230 Analysis



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Lead Technical Writer or designee, ATCC Federal Solutions

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