

Monoclonal Anti-Human Immunodeficiency Virus Type 1 (HIV-1) Integrase (mAb 35), (produced *in vitro*)

Catalog No. HRP-20405

This reagent is the tangible property of the U.S. Government.

Product Description:

Antibody Class: IgG1k

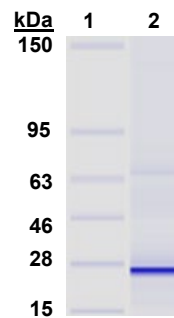
HRP-20405 is a monoclonal antibody against the integrase enzyme of the Human Immunodeficiency Virus Type 1 (HIV-1). The monoclonal antibody was produced by *in vitro* culture of the murine hybridoma cell line HRT35 and purified using protein G affinity chromatography.

Lot: 70077529

Manufacturing Date: 03DEC2025

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG1k	IgG1k
Agilent® Protein 230 Analysis	Correct molecular weight (MW) for heavy and light chains Report average purity	Correct molecular weight (MW) for heavy and light chains (Figure 1) 88.2% pure
Concentration by Spectrophotometer at OD ₂₈₀	~ 1.0 mg/mL	1.0 mg/mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

Figure 1: Agilent® Protein 230 Analysis



Lane 1: MW Markers (kDa)
Lane 2: HRP-20405

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Lead Technical Writer or designee, ATCC Federal Solutions

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