

Monoclonal Anti-Human Immunodeficiency Virus Type 1 (HIV-1) Tat Protein, Clone 11H6H1 (produced *in vitro*)
Catalog No. HRP-20069
Product Description:
Creative Biolabs Catalog No. PABL-568CQ-LowE (Lot CB2109J04L)

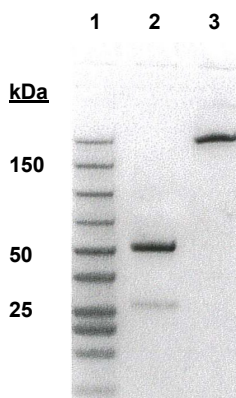
Antibody Class: IgG1κ

Mouse monoclonal antibody prepared against the Tat protein of human immunodeficiency virus type 1 (HIV-1) was produced from the expression vectors by transient transfection and expression in mammalian cells with chemically defined culture media, purified by affinity chromatography, ultrafiltered and sterile filtered prior to vialing.

Lot: 70046856
Manufacturing Date: 27SEP2021

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG1	IgG1κ
Purity SDS-PAGE analysis (Coomassie blue)	Report results	Target bands of approximately 50 kDa and 25 kDa account for > 95% of total staining intensity (Figure 1)
SEC-HPLC	Report results	Target protein band(s) > 95%
Concentration	Report results	1 mg per mL
Functional Activity ELISA ¹	Reactive	Reactive (Figure 2)
Filtration	0.2 μm filter-sterilized	0.2 μm filter-sterilized
Endotoxin Content (Limulus Amoebocyte Lysate Assay)	Report results	< 1 EU per mg

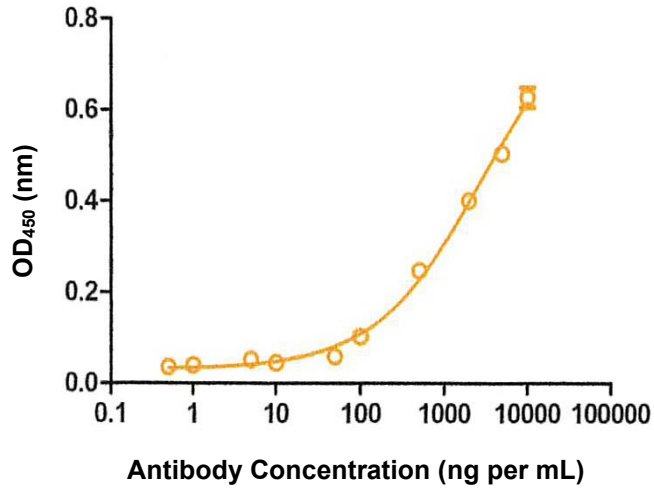
¹Performed by coating with a polypeptide from HIV-1 Tat, with HRP-Anti-Mouse IgG (H+L) as the secondary antibody

Figure 1: SDS-PAGE Analysis


Lane 1: MW ladder
 Lane 2: HRP-20069 (reduced, β-mercaptoethanol)
 Lane 3: HRP-20069 (non-reduced)



Figure 2: ELISA



/Ken Crawford/

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25 APR 2022

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