

Mouse mAb to HIV-1 Rev (clone 10)

Catalogue #	A2-832-100
Immunogen:	HIV-1 Rev
Immunogen Description:	Recombinant Rev protein of HIV-1 BRV (purified from <i>E. coli</i>)
Clonality:	Mouse monoclonal
Clone:	10
Class:	mIgG1
Reactivity:	Reacts with HIV-1 Rev of subtype B. Mapped to amino acids 34-40 (TRGARRN – subtype B a.a. consensus)
Application:	ELISA, WB, IF, IP, IHC
Protocol:	Monoclonal antibody working titer has to be established practically for each particular antigen and assay format
ELISA:	0,25-0,5 µg/ml
Purification:	Protein G purification
Buffer:	PBS pH 7.4, with 0.1% sodium azide
Shipping:	This product is shipped in non-frozen liquid form in ambient conditions
Storage:	Store at -20...-70°C upon receipt. Divide antibody into aliquots prior usage. Avoid multiple freeze-thaw cycles
References	Ranki A., A. Lagerstedt, V. Ovod, E. Aavik, and K. Krohn 1994. Expression kinetics and subcellular localization of HIV-1 regulatory proteins Nef and Tat in established lymphoid cell lines. <i>Arch. Virol.</i>, 139:365-378. Ranki A., M. Nyberg, V. Ovod, M. Haltia, I. Elovaara, R. Raininko, H. Haapasalo, and K. Krohn 1995.

Abundant expression of HIV Nef and Rev proteins in brain astrocytes in vivo is associated with dementia. AIDS, 9:1001-1008.

Tähtinen, M., Ranki, A., Valle, S.L., Ovod, V., K. Krohn 1997.

B-cell epitopes in HIV-1 Tat and Rev proteins colocalize with T-cell epitopes and with functional domains. Biomed Pharmacother 51:480-7.

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Interactions of Single and Combined Human Immunodeficiency Virus Type 1 (HIV-1) DNA Vaccines. Virology 284(1):46-61

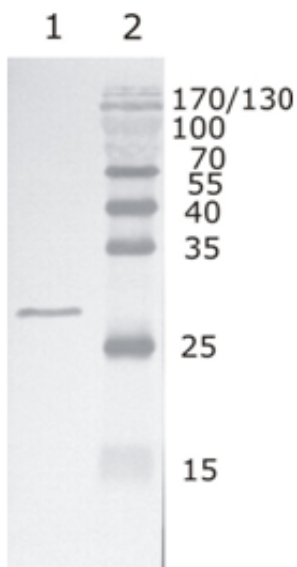


Figure 1: Western Blot testing of HIV-1 recombinant Rev protein using HIV-1 Rev antibody, clone 10. Line 1. Recombinant HIV-1 Rev (B subtype) Line 2. Protein size marker.