

Mouse mAb to HIV-1 p24 (clone 5)

Catalogue #	A2-851-100
Immunogen:	HIV-1 p24
Immunogen Description:	Recombinant p24 protein of HIV-1 HAN consensus (purified from <i>E. coli</i>)
Clonality:	Mouse monoclonal
Clone:	5
Class:	mIgG2a
Reactivity:	Reacts with HIV-1 p24 subtype B, C and A. Mapped to amino acids 48-62 (TPQDLNTMLNTVGGH)
Application:	ELISA, WB, IF
Protocol:	Antibody can be used efficiently for IF application in U2OS, CHO and 293-based cell lines. Monoclonal antibody working titer has to be established practically for each particular antigen and assay format
ELISA:	0,05-0,1 µg/ml
IF:	1 µg/ml
Purification:	Protein G purification
Buffer:	PBS pH 7.4, with 0.1% sodium azide
Related Products:	Partially humanized, chimeric antibody to HIV-1 p25 C-151-100, clone 5. HIV-1 p24 monoclonal antibodies.
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.

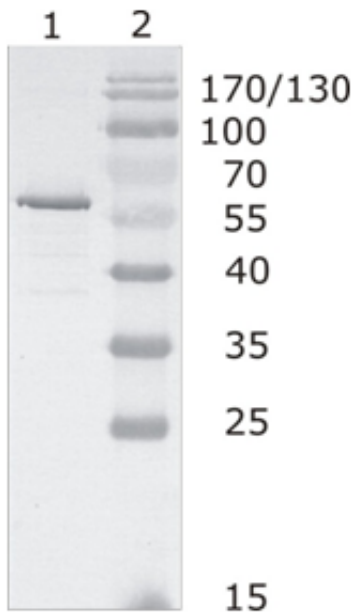


Figure 1. Western-Blot analysis of HIV-1 HAN subtype gag protein using HIV-1 p24 antibody. Line 1. Recombinant HIV-1 HAN-2 subtype gag expressed in composition of virus like particles (VLPs) using 293-based cell line. Line 2. Protein size marker.

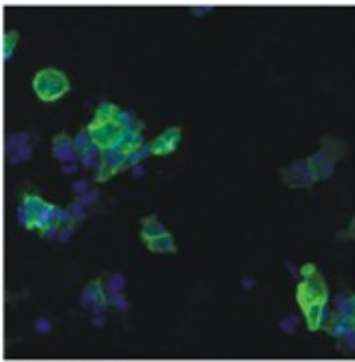


Figure 2. IF analysis using HIV-1 p24 antibody, clone 5 in detection of 05-001 epitope tagged ETAR (Endothelin A receptor) in HEK293-based cell line.