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## Product Datasheet

### **PtX(TM) Human Anti-HIV-1 p24 Recombinant Antibody (HRP), IgG1, Plant, Monoclonal CBX-CBT\_A0003**

Article Name	PtX(TM) Human Anti-HIV-1 p24 Recombinant Antibody (HRP), IgG1, Plant, Monoclonal
Biozol Catalog Number	CBX-CBT_A0003
Supplier Catalog Number	CBT_A0003
Alternative Catalog Number	CBX-CBT_A0003-100
Manufacturer	Cape Biologix Technologies
Host	Plant
Category	Antikörper
Application	ELISA, WB
Species Reactivity	Human
Immunogen	HIV-1 Gag p24
Conjugation	HRP
Product Description	Recombinant human monoclonal antibody against HIV-1 p24 capsid protein. This product is produced in Nicotiana benthamiana plants for use in Western blot and ELISA applications....
Clonality	Monoclonal
Concentration	1.0 mg/ml
Molecular Weight	110 kDa +
Isotype	IgG1

Range	7.8 ng - 1000 ng
Sensitivity	Refer to ELISA dose response graph in Datasheet for ELISA sensitivity.
NCBI	<a href="#">22580</a>
UniProt	<a href="#">Q9WMV8</a>
Buffer	0.1 M Phosphate Buffered Saline (PBS), pH = 7.4
Source	Human
Expression System	N. Benthamiana
Purity	98.62 % as determined by Mass Spectrometry.
Form	Liquid
Target	HIV-1 Gag p24
Antibody Type	Recombinant Antibody
Application Dilute	Suggested dilution is 1: 2 000 - 1: 20 000 for WB and 1: 1 000 - 1: 5 000 for ELISA. Optimal dilutions/concentrations should be determined by the user.
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