

Product Datasheet

HIV-1 gp41 Antibody (402D9.14/clone 1) [Alexa Fluor® 488] DDX1304A488

Unit Size: 0.1 mg

Store at -20C in the dark. Avoid freeze-thaw cycles.

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DDX1304A488

HIV-1 gp41 Antibody (402D9.14/clone 1) [Alexa Fluor® 488]

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C in the dark. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	402D9.14/clone 1
Preservative	No Preservative
Isotype	IgG1
Conjugate	Alexa Fluor 488
Purity	Ion exchange chromatography
Buffer	Antibody at 0.5 mg/ml in PBS and 50% Glycerol

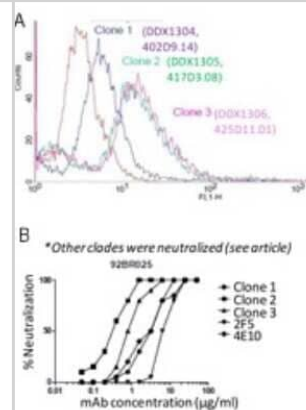
Product Description	
Host	Mouse
Species	Virus
Reactivity Notes	virus
Immunogen	HR1-PID-HR2-transfected HEK 293 cells (HIV-1, 92BR025, Clade C)
Notes	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.

Product Application Details	
Applications	ELISA, Flow Cytometry, Block/Neutralize
Recommended Dilutions	Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000, Block/Neutralize
Application Notes	Flow Cytometry, ELISA

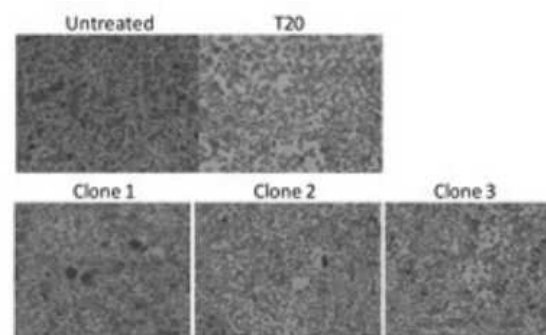


Images

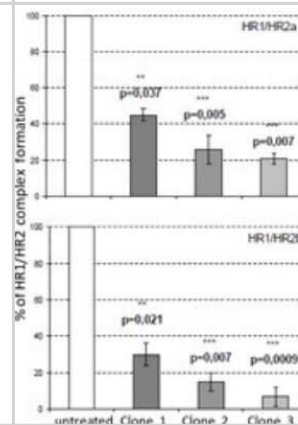
Flow Cytometry: HIV-1 gp41 Antibody (402D9.14/clone 1) [Alexa Fluor (R) 488] [DDX1304A488] - A) FACS staining of HEK293-gp41TM cell line. B) Neutralizing activity.



Blocking/Neutralizing: HIV-1 gp41 Antibody (402D9.14/clone 1) [Alexa Fluor (R) 488] [DDX1304A488] - Inhibition of syncytia formation.



Blocking/Neutralizing: HIV-1 gp41 Antibody (402D9.14/clone 1) [Alexa Fluor (R) 488] [DDX1304A488] - Inhibition of HR1/HR2 fusion complex formation.



Publications

Dawood R, Benjelloun F, Pin JJ et al. Generation of HIV-1 potent and broad neutralizing antibodies by immunization with postfusion HR1/HR2 complex. AIDS. 2013-03-13 [PMID: 23719346]



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Products Related to DDX1304A488

DDXCM01A488	Mouse IgG1 Isotype Control [Alexa Fluor® 488]
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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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