

Centre for AIDS Reagents.

Data Sheet

DESCRIPTION: Monoclonal antibody to HIV-1 BRU nef

REPOSITORY REFERENCE: **EVA3067.1**

ORIGINATORS DESIGNATION: Clone: 3F2

ISOTYPE: IgG1

EPITOPE: Mapped to amino acids 31-41
(RDLEKHGAITS, HIV-1 HXB2)

MGGKWSKSSVVGWPTVRRERMRAEPAADGVGAASRDLEKHGAITSSNTAATNAACAWLEAQEEEEVGFVPV
TPQVPLRPMTYKAAVDLSHFLKEKGGLEGLIHSQRRQDILDWYHTQGYFPDWQNYTPGPGVRYPLTFG
WCYKLVPEPDKVEEANKGENTSLLHPVSLHGMDDEPEREVLEWRFD SRLAFHHVARELHPEYFKNC

HOST: BALB/c.

REACTS WITH: HIV-1 Nef of BRU, IIIB MN and RF

IMMUNOGEN: Recombinant nef (Transgene)

PURITY: This antibody is affinity chromatography purified

PROTEIN CONCENTRATION: 1.0mg/ml

PRESENTATION: 100ug purified immunoglobulin in PBS pH 7.4, with 0.1% sodium azide

CHARACTERISTICS: Cross reactivity measured by immunoperoxidase staining (in order of reactivity). Also reacts in ELISA and Westernblot.

STORAGE: Store at -20°C/-70°C upon receipt. Avoid multiple freeze- thaw cycles as product degradation may result.

SOURCE: Quattromed Ltd. Tartu, Estonia

ACKNOWLEDGEMENTS: Publications should acknowledge the donor of the reagent and the Centre for AIDS Reagents. Suggested wording can be found on our website in the "Acknowledgement" section at:-

www.nibsc.org/science_and_research/virology/centre_for_aids_reagents.aspx

Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR, this can be by e-mail or printed copy.

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Data Sheet

DESCRIPTION:	Monoclonal antibody to HIV-1 BRU nef
REPOSITORY REFERENCE:	EVA3067.2
ORIGINATORS DESIGNATION:	Clone: 3D12
ISOTYPE:	IgG1
EPITOPE:	Mapped to amino acids 35-50 (RDLEKHHGAISSNTAA, HIV-1 HXB2)
HOST:	BALB/c.
REACTS WITH:	HIV-1 Nef of BRU, IIIB and HAN
IMMUNOGEN:	Recombinant nef (Transgene)
PURITY:	This antibody is affinity chromatography purified
PROTEIN CONCENTRATION:	1.0mg/ml
PRESENTATION:	100ug purified immunoglobulin in PBS pH 7.4, with 0.1% sodium azide
CHARACTERISTICS:	Reacts in ELISA, WB, RIP, IHC. This antibody reacts only with rNef of HIV-1 subtype B and C. Titer in ELISA/WB using rNef protein with subtype B a.a. consensus – 1:5000/1:500. Monoclonal antibody working titer has to be established practically for each particular antigen and assay format.
STORAGE:	Store at -20°C/-70°C upon receipt. Avoid multiple freeze- thaw cycles as product degradation may result.
SOURCE:	Quattromed Ltd. Tartu, Estonia
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DESCRIPTION:	Monoclonal antibody to HIV-1 BRU nef
REPOSITORY REFERENCE:	EVA3067.3
ORIGINATORS DESIGNATION:	Clone: 2F2.
ISOTYPE:	IgG1
EPITOPE:	Mapped to amino acids 151-170
HOST:	BALB/c.
REACTS WITH:	BRU, 307 and MN
IMMUNOGEN:	Recombinant nef (Transgene).
MYELOMA:	Sp2/0
CHARACTERISTICS:	Cross reactivity measured by immunoperoxidase staining (in order of reactivity). Also reacts in ELISA and Western blot.
PRESENTATION:	100µg purified immunoglobulin from culture supernatants (dialysed against PBS).
SOURCE:	Dr K Krohn
ACKNOWLEDGEMENTS:	Publications should acknowledge the donor of the reagent and the Centre for AIDS Reagents. Suggested wording can be found on our website in the "Acknowledgement" section at:-

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DESCRIPTION:	Monoclonal antibody to HIV-1 BRU nef
REPOSITORY REFERENCE:	EVA3067.4
ORIGINATORS DESIGNATION:	Clone: 3E6
ISOTYPE:	IgG1
EPITOPE:	Mapped to amino acids 161-180
HOST:	BALB/c
REACTS WITH:	BRU. IIIB, 307, RF and MN
IMMUNOGEN:	Recombinant nef (Transgene)
MYELOMA:	Sp2/0
CHARACTERISTICS:	Cross reactivity measured by immunoperoxidase staining (in order of reactivity). Also reacts in ELISA and Westernblot.
PRESENTATION:	100ug purified immunoglobulin from culture supernatants (dialysed against PBS).
SOURCE:	Quattromed Ltd., Tartu, Estonia
REFERENCE:	Ovod V et al (1992) AID 6:25
ACKNOWLEDGEMENTS:	Publications should acknowledge the donor of the reagent and the Centre for AIDS Reagents. Suggested wording can be found on our website in the "Acknowledgement" section at:-

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DESCRIPTION:	Monoclonal antibody to HIV-1 BRU nef
REPOSITORY REFERENCE:	EVA3067.5
ORIGINATORS DESIGNATION:	Clone: 3A2
ISOTYPE:	IgG1
EPITOPE:	Mapped to amino acids 171-190 (HGMDPPEREVLEWRFD SRLA – HIV-1 BRU)
HOST:	BALB/c.
REACTS WITH:	HIV-1 Nef of BRU, IIIB, LAV and BH10
IMMUNOGEN:	Recombinant nef (Transgene)
PURITY:	This antibody is affinity chromatography purified
PROTEIN CONCENTRATION:	1.0 mg/ml
PRESENTATION:	100ug purified immunoglobulin in PBS pH 7.4, with 0.1% sodium azide
CHARACTERISTICS:	Reacts in ELISA, WB, RIP, IHC. This antibody recognises the rNef of HIV-1 subtypes A, B and C. Titer in ELISA/WB using rNef protein with subtype B a.a. consensus – 1:10000/1:1000. Monoclonal antibody working titer has to be established practically for each particular antigen and assay format.
STORAGE:	Store at -20°C/-70°C upon receipt. Avoid multiple freeze-thaw cycles as product degradation may result.
SOURCE:	Quattromed Ltd., Tartu, Estonia
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