



## CERTIFICATE OF ANALYSIS

### Rabbit anti-HIV-1 Nef mAb [R0019]

Prod. Number: 18-0003

Lot Number: 60219

#### Product Information:

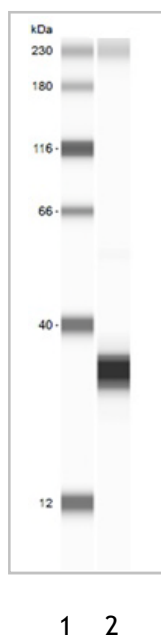
<b>Concentration:</b> 2.79 mg/mL	<b>Volume per tube:</b> 40 µL	<b>Quantity per tube:</b> 100 µg
<b>Molecular Weight:</b> 139.89 kDa	<b>Clone Number:</b> R0019	<b>Form:</b> Liquid
<b>Short-term storage conditions:</b> 4°C	<b>Long-term storage conditions:</b> -20°C to -80°C (avoid freeze/thaw cycles)	
<b>Storage information:</b> Preservative-free, maintain in a sterile environment.		

#### Functionality and Performance:

<b>Specificity:</b> HIV-1 Nef	<b>Clonality and Isotype:</b> Recombinant Monoclonal IgG
<b>Immunogen:</b> HIV-1 Recombinant Nef	<b>Antibody source:</b> Rabbit
<b>Epitope:</b> Mapped to amino acids 85-107	<b>Tested Antibody Applications:</b> ELISA and Western blot
<b>Method of expression:</b> HEK293 transient expression	<b>Purification technique:</b> Protein A affinity chromatography

**Reagent Specifications:****Buffer Formulation:** PBS pH 7.4**Purity (Determined by SDS Page under reduced conditions):** 96.8 %**Specificity (Confirmed by Western analysis):**

Antibody detects recombinant Nef (rNef) by Western analysis by a visible band at approximately 33 kDa, the expected molecular weight of rNef in its monomeric form.



Legend	
Lane	Description
1	MW Ladder (kDa)
2	1 ng rNef detected by 100 ng of [R0019], Lot 60219

**Safety Precautions:**

Wear gloves and safety glasses. Normal precautions exercised in handling laboratory materials should be followed. The chemical, physical, and toxicological properties of this product may not have yet been thoroughly investigated.

SDS is available at [www.IntuitiveBio.com](http://www.IntuitiveBio.com)

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L851 Rev A effective 20 Aug 2025, DCO 25012

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This antibody is covered under U.S. Provisional Patent Application No. 63/704215

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