

# Product Datasheet

## CD47 Antibody (PD00-33)

**NBP3-32156**

Unit Size: 100  $\mu$ l

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-32156**

CD47 Antibody (PD00-33)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	PD00-33
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH7.4), 0.1% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	35 kDa

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	961
<b>Gene Symbol</b>	CD47
<b>Species</b>	Human
<b>Immunogen</b>	Synthetic peptide within Human CD47 aa 50-150 (internal sequence). (Uniprot: Q08722)

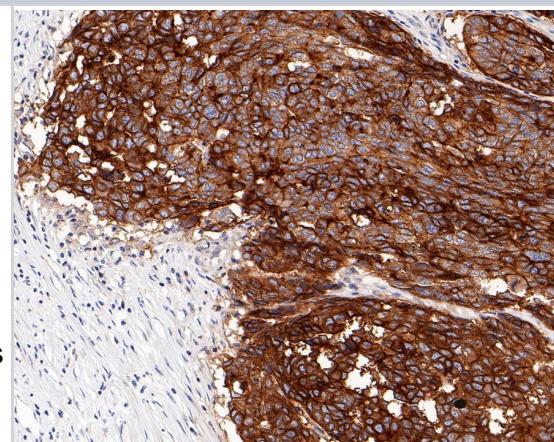
**Product Application Details**

<b>Applications</b>	Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
<b>Recommended Dilutions</b>	Flow Cytometry 1:500-1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000

## Images

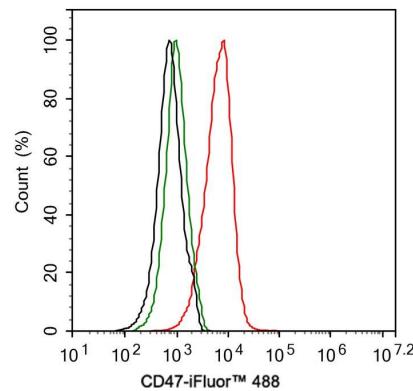
Immunohistochemistry: CD47 Antibody (PD00-33) [NBP3-32156] - Immunohistochemical analysis of paraffin-embedded human ovarian tumor tissue with Rabbit anti-CD47 antibody (NBP3-32156) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32156) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Flow Cytometry: CD47 Antibody (PD00-33) [NBP3-32156] - Flow cytometric analysis of Jurkat cells labeling CD47.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32156, 1 $\mu$ g/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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## Products Related to NBP3-32156

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-52320-0.05mg	Recombinant Human CD47 hIgG-His Protein

## 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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