

# Product Datasheet

## Rab5a Antibody (3A4) - BSA Free NBP1-04340

Unit Size: 0.1 ml

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

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**NBP1-04340**

Rab5a Antibody (3A4) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1.0 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>	3A4
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH 7.4), 10% Glycerol

**Product Description**

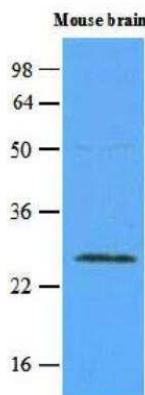
<b>Host</b>	Mouse
<b>Gene ID</b>	5868
<b>Gene Symbol</b>	RAB5A
<b>Species</b>	Human, Mouse
<b>Marker</b>	Early Endosome Marker
<b>Immunogen</b>	Recombinant human Rab5a (1-215aa) purified from E. coli

**Product Application Details**

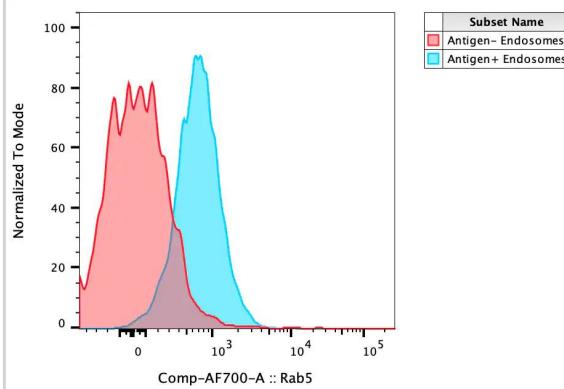
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Flow Cytometry Validated for Flow Cytometry from a verified customer review., ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation

## Images

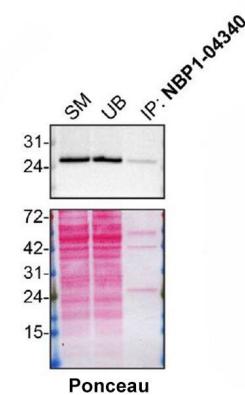
Western Blot: Rab5a Antibody (3A4) [NBP1-04340] - The extracts of mouse brain (45ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human Rab5a (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Flow Cytometry: Mouse Rab5a mAb (3A4) - BSA Free [NBP1-04340] - Flow cytometry of purified endosomes from mouse bone marrow derived dendritic cells bearing (blue curve) or absent of (red curve) fluorescent antigen. Endosomes stained with Alex Fluor 700 conjugated to Rab5a (NBP1-04340AF700). Image from a verified customer review.



HAP1 lysates were prepared, and immunoprecipitation was performed using 2.0 ug of Rab5a antibody (Catalog # NBP1-04340) pre-coupled to Dynabeads protein G. Samples were washed and processed for Western Blot with Rab5a antibody. For Western Blot, Rb x Rab5a was used at 1/1000. The Ponceau stained transfers of each blot are shown. SM=4% starting material; UB=4% unbound fraction; IP=immunoprecipitate. Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).



## Publications

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01



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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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