

# Product Datasheet

## TSC2 Antibody (SC05-59)

### NBP2-67552

Unit Size: 100 ul

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

[www.novusbio.com](http://www.novusbio.com)



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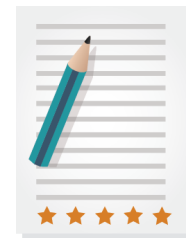
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Updated 10/23/2024 v.20.1

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**NBP2-67552**

TSC2 Antibody (SC05-59)

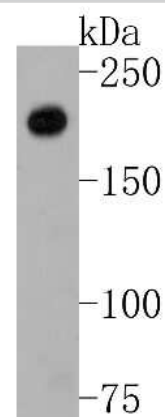
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SC05-59
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	7249
Gene Symbol	TSC2
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human TSC2 aa 1760-1807 / 1807. (SwissProt: P49815 Human; SwissProt: Q61037 Mouse; SwissProt: P49816 Rat)

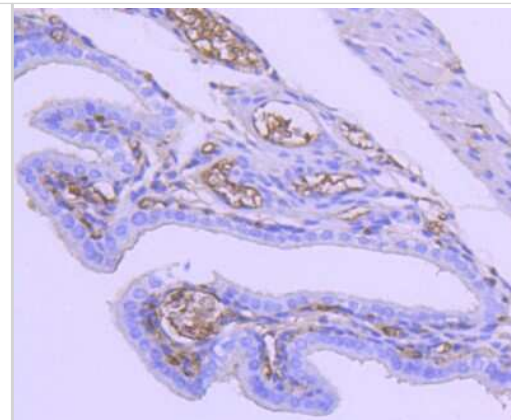
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

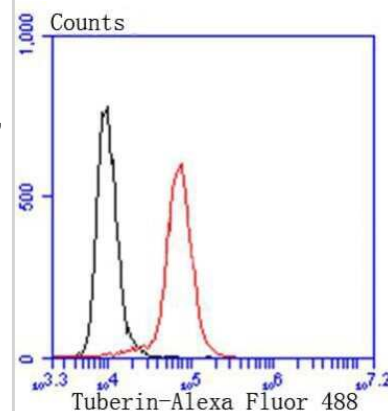
Western Blot: TSC2 Antibody (SC05-59) [NBP2-67552] - Western blot analysis of TSC2 on MCF-7 cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rab



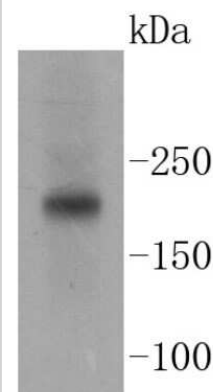
Immunohistochemistry-Paraffin: TSC2 Antibody (SC05-59) [NBP2-67552] - Analysis of paraffin-embedded mouse placenta tissue using anti-Tuberin antibody. Counter stained with hematoxylin.



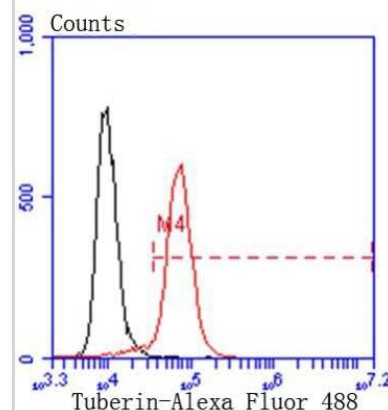
Flow Cytometry: TSC2 Antibody (SC05-59) [NBP2-67552] - Flow cytometric analysis of TSC2 was done on Hela cells. The cells were fixed, permeabilized and stained with the primary antibody (1/50) (red). After incubation of the primary antibody at room temperature for an hour, the cells were stained with a Alexa Fluor 488-conjugated Goat anti-Rabbit IgG Secondary antibody at 1/1000 dilution for 30 minutes. Unlabeled sample was used as a control (cells without incubation with primary antibody; black).



Western Blot: TSC2 Antibody (SC05-59) [NBP2-67552] - Analysis of Tuberin on Jurkat cell lysates using anti-Tuberin antibody at 1/1,000 dilution.



Flow Cytometry: TSC2 Antibody (SC05-59) [NBP2-67552] - Analysis of Hela cells with Tuberin antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.





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### **Products Related to NBP2-67552**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00007249-Q01-10ug	Recombinant Human TSC2 GST (N-Term) Protein

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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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