

# Product Datasheet

## Integrin beta 6 Antibody (CSbeta6) [Alexa Fluor® 350] NBP2-29800AF350

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-29800AF350**

Integrin beta 6 Antibody (CSbeta6) [Alexa Fluor® 350]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CSbeta6
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	Alexa Fluor 350
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3694
<b>Gene Symbol</b>	ITGB6
<b>Species</b>	Human, Rat, Primate, Rabbit
<b>Reactivity Notes</b>	0
<b>Specificity/Sensitivity</b>	Monoclonal antibody MAB2076Z, raised by immunizing beta6 knockout mice with recombinant secreted human alphavbeta6, is useful for flow cytometry and immunoprecipitation in all species tested, including mouse. It also works well for immunohistochemistry of acetone-fixed tissues in several species, including rat, rabbit, monkey, and human. The antibody does not work well for immunohistochemistry of mouse tissue. This antibody does not recognize the aV subunit and does not react with alphaV integrins other than alphavbeta6. Because the antibody is not effective in western Blot, it is unknown whether the epitope recognized by the antibody localizes to the alphavbeta6 heterodimer or to the beta6 subunit only.
<b>Immunogen</b>	beta 6 knockout mice have been immunized with recombinant secreted human alphaVbeta6.

**Notes**

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**Product Application Details**

<b>Applications</b>	Flow Cytometry, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

**Images**

Integrin beta 6 Antibody (CSbeta6) [Alexa Fluor® 350] [NBP2-29800AF350] - Vial of Alexa Fluor 350 conjugated antibody. Alexa Fluor 350 is optimally excited at 346 nm by the UV laser (350 or 355 nm) and has an emission maximum of 442 nm.



Alexa Fluor® 350

LASER (nm)	FILTER
UV (350)	450/45
EXCITATION MAX (nm)	EMISSION MAX (nm)
346	442



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### **Products Related to NBP2-29800AF350**

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NBP1-97005AF350	Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 350]
H00003694-P01-2ug	Recombinant Human Integrin beta 6 GST (N-Term) Protein
7754-BH-005/CF	TGF-beta 1 [Unconjugated]
H00003694-Q01-10ug	Recombinant Human Integrin beta 6 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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