

# VGLUT1 Monoclonal Antibody (CL2754)

Product Details	
Size	100 µL
Species	Human, Mouse, Rat
Expression System	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	CL2754
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human SLC17A7
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2787010

Applications	Tested Dilution	Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:5000-1:10,000	-
Western Blot (WB)	1 µg/mL	-

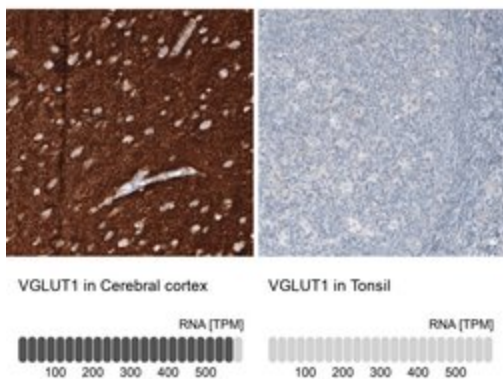
## Product Specific Information

Immunogen sequence: PSISEEERKY IEDAIGESAK LMNPLTKFST P

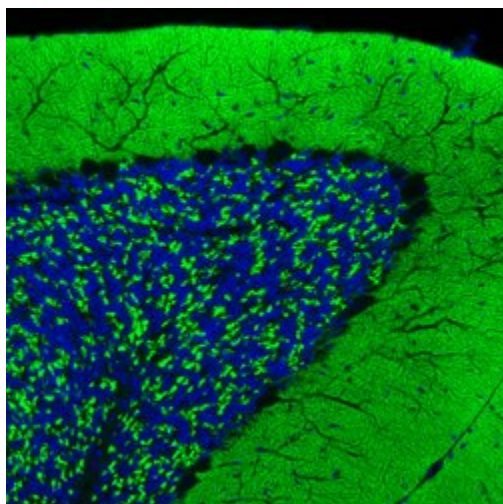
## Advanced Verification Data

### VGLUT1 Antibody (MA5-31373)

Relative expression in different tissues in IHC: Detection of differential expression levels of VGLUT1 demonstrates antibody specificity. Immunohistochemical analysis of VGLUT1 using anti-VGLUT1 Monoclonal Antibody (CL2754) (Product #MA5-31373), shows significant staining of VGLUT1 in cerebral cortex and shows minimal or weak staining in tonsil tissues. The relative expression levels of VGLUT1 within each tissue is shown using RNA-Seq. Relative expression validation info.

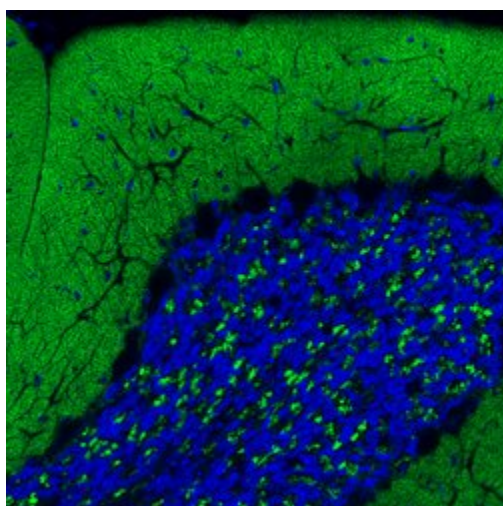


## Product Images For VGLUT1 Monoclonal Antibody (CL2754)



### VGLUT1 Antibody (MA5-31373) in IHC

Immunohistochemical analysis of VGLUT1 in mouse brain using a VGLUT1 monoclonal antibody (Product # MA5-31373). The analysis shows strong positivity in glutamatergic fibers in the molecular and granular layers of the cerebellum.



### VGLUT1 Antibody (MA5-31373) in IHC

Immunohistochemical analysis of VGLUT1 in rat brain using a VGLUT1 monoclonal antibody (Product # MA5-31373). The analysis shows strong positivity in glutamatergic processes in the molecular and granular layers of cerebellum.

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