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## Product Datasheet

### **VGLUT1 Antibody (Biotin), IgG1, Clone: [N28/9 Formerly sold as S28-9], Mouse, Monoclonal BYT-ORB149725**

Article Name	VGLUT1 Antibody (Biotin), IgG1, Clone: [N28/9 Formerly sold as S28-9], Mouse, Monoclonal
Biozol Catalog Number	BYT-ORB149725
Supplier Catalog Number	orb149725
Alternative Catalog Number	BYT-ORB149725-100
Manufacturer	Biorbyt
Host	Mouse
Category	Antikörper
Application	IHC, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein amino acids 493-560 (cytoplasmic C-terminus) of rat VGlut1
Conjugation	Biotin
Product Description	Mouse monoclonal to VGlut1 (Biotin). VGLUT1 is expressed in a subset of glutamate neurons and transports glutamate into native synaptic vesicles from the brain, exhibiting a conductance for chloride that is blocked by glutamate. Vesicular glutamate t...
Clonality	Monoclonal
Concentration	1 mg/ml
Clone Designation	[N28/9 Formerly sold as S28-9]

Molecular Weight	52kDa
Isotype	IgG1
NCBI	<a href="#">446311</a>
UniProt	<a href="#">Q62634</a>
Buffer	136.36mM Ethanolamine, 133.23 mM Chlorides, 9.55mM Phosphates, 9.55mM Sodium Bicarbonate
Target	VGLUT1
Application Dilute	WB (1:1000)
Application Notes	Application Notes: 1 µg/ml of SMC-394 was sufficient for detection of VGLut1 in 20 µg of rat brain lysate by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody