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# anti-MMGT1 antibody (C-Term)

3 Images



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Overview	
Quantity:	400 μL
Target:	MMGT1
Binding Specificity:	AA 103-131, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMGT1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This MMGT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 103-131 amino acids from the C-terminal region of human MMGT1.
Clone:	RB25237
Isotype:	Ig Fraction
Predicted Reactivity:	В
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	MMGT1

## **Target Details**

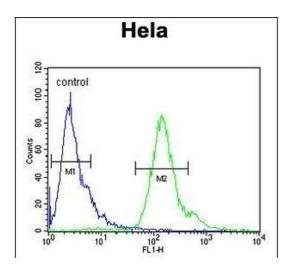
Alternative Name:	MMGT1 (MMGT1 Products)
Background:	MMGT1 mediates Mg(2+) transport.
Molecular Weight:	14686
Gene ID:	93380
NCBI Accession:	NP_775741
UniProt:	Q8N4V1

# **Application Details**

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

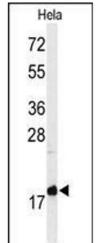
#### Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



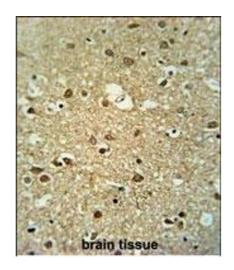
#### **Flow Cytometry**

**Image 1.** GT1 Antibody (C-term) (ABIN650929 and ABIN2839998) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



#### **Western Blotting**

**Image 2.** Western blot analysis of GT1 Antibody (C-term) (ABIN650929 and ABIN2839998) in Hela cell line lysates (35  $\mu$ g/lane). GT1 (arrow) was detected using the purified Pab.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** GT1 Antibody (C-term) (ABIN650929 and ABIN2839998) iunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GT1 Antibody (C-term) for iunohistochemistry. Clinical relevance has not been evaluated.