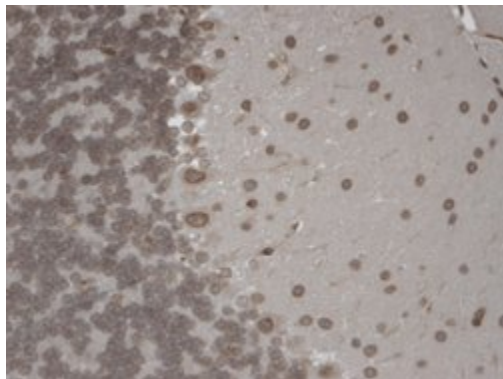


TRPM7 Monoclonal Antibody (S74-25)

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	S74-25
Conjugate	Unconjugated
Immunogen	Fusion protein amino acids 1817-1863 (C- terminus) of mouse TrpM7
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.09% sodium azide
Storage conditions	-20°C
RRID	AB_2735401

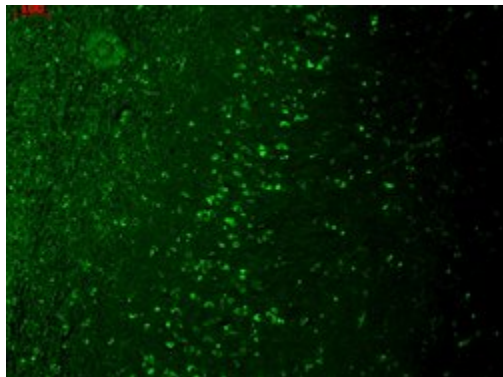
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:1,000	-
Immunocytochemistry (ICC/IF)	1:100	1 Publication

Product Images For TRPM7 Monoclonal Antibody (S74-25)



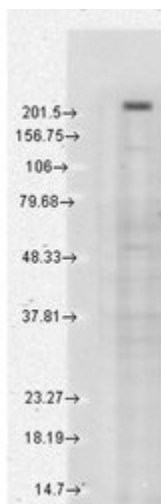
TRPM7 Antibody (MA5-27620) in IHC (P)

Immunohistochemistry analysis of TRPM7 in paraffin-embedded mouse hippocampus. Samples were incubated with TRPM7 monoclonal antibody (Product # MA5-27620) using a dilution of 1:1000 (1 hour at RT) and followed by Biotinylated Goat Anti-Mouse, Streptavidin Peroxidase, DAB Chromogen (brown) and Mayer Hematoxylin (purple/blue) at a dilution of 250-500 μ l.



TRPM7 Antibody (MA5-27620) in IHC (P)

Immunohistochemistry analysis of TRPM7 in paraffin-embedded human hippocampus. Sample was fixed with Bouin's Fixative Solution, incubated with TRPM7 monoclonal antibody (Product # MA5-27620) using a dilution of 1:1000 (1 hour at RT), and followed by FITC Goat Anti-Mouse (green) (1 hour at RT) at a dilution of 1:50.



TRPM7 Antibody (MA5-27620) in WB

Western blot analysis of TRPM7 in human cell lysates with 15 μ g of sample. The sample was blocked with 1.5% BSA, incubated with TRPM7 monoclonal antibody (Product # MA5-27620) using a dilution of 1:1000 (2 hours at 4°C), followed by Sheep Anti-Mouse HRP (1 hour at RT).

Immunocytochemistry (1)

Clinical science (London, England : 1979)

Epidermal growth factor signaling through transient receptor potential melastatin 7 cation channel regulates vascular smooth muscle cell function.

"MA5-27620 was used in Immunocytochemistry to determine whether TRPM7 is a downstream target of EGF in VSMCs and if EGF receptor through TRPM7 influences VSMC function."

Authors: Zou ZG,Rios FJ,Neves KB,Alves-Lopes R,Ling J,Baillie GS,Gao X,Fuller W,Camargo LL,Gudermann T, Chubanov V,Montezano AC,Touyz RM

Species
Rat

Dilution
Not Cited

Year
2020

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