

SHH Monoclonal Antibody (171018)

Product Details

Size	100 µg
Species Reactivity	Mouse
Host/Isotype	Rat / IgG2a
Class	Monoclonal
Type	Antibody
Clone	171018
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant mouse Sonic Hedgehog Cys25-Gly198 (Lys122Arg)
Form	Lyophilized
Concentration	0.5 mg/mL
Purification	Protein A/G
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2607358

Applications	Tested Dilution	Publications
Western Blot (WB)	2 µg/mL	-
Immunohistochemistry (Frozen) (IHC (F))	8-25 µg/mL	-
ELISA (ELISA)	0.5-2 µg/mL (Detection), 2-8 µg/mL (Capture)	-
Neutralization (Neu)	5-15 µg/mL	-

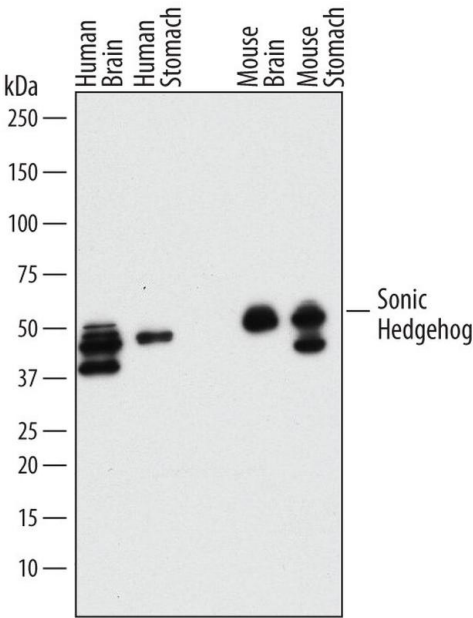
Product Specific Information

In Western blots, approximately 50% cross-reactivity with recombinant mouse (rm) Dhh(N-terminus; aa 23-198) is observed and no cross-reactivity with rmlhh (N-terminus; aa 66-240), rmDhh (C-terminus; aa 199-396), or rmShh (C-terminus; aa 199-437) is observed.

Reconstitute at 0.5 mg/mL in sterile PBS.

Endotoxin level is <0.10 EU per 1 µg of the antibody by the LAL method.

Product Images For SHH Monoclonal Antibody (171018)



SHH Antibody (MA5-23883) in WB

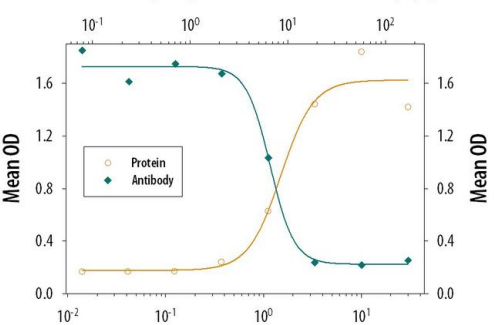
Western blot analysis of SHH in human brain tissue, human stomach tissue, mouse brain tissue, and mouse stomach tissue. Samples were incubated in SHH monoclonal antibody (Product # MA5-23883) using a dilution of 2 µg/mL followed by a HRP-conjugated Anti-Rat IgG secondary antibody. A specific band was detected for Sonic Hedgehog/Shh at approximately 50 kDa (as indicated). This experiment was conducted under reducing conditions.



SHH Antibody (MA5-23883) in IHC (F)

Immunohistochemical analysis of SHH in immersion fixed frozen sections of mouse embryo (11 d.p.c.). Samples were incubated in SHH monoclonal antibody (Product # MA5-23883) using a dilution of 25 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Rat HRP-DAB Cell & Tissue Staining Kit (brown) and counterstained with hematoxylin (blue). Specific staining was localized to developing brain.

Mouse Sonic Hedgehog N-Term (Shh-N) Antibody (µg/mL)



SHH Antibody (MA5-23883) in Neu

Neutralization of SHH in C3H10T1/2 mouse embryonic fibroblast cell line. Samples were incubated in SHH monoclonal antibody (Product # MA5-23883). Recombinant Mouse Sonic Hedgehog N,Terminus induces alkaline phosphatase production in the C3H10T1/2 mouse embryonic fibroblast cell line in a dose-dependent manner (orange line). Alkaline phosphatase production elicited by Recombinant Mouse Sonic Hedgehog N,Terminus (5 µg/mL) is neutralized (green line) by increasing concentrations of Rat Anti-Mouse Sonic Hedgehog N ,Terminus Monoclonal Antibody. The ND50 is typically 5-15 µg/mL.

Recombinant Mouse Sonic Hedgehog N-Term (Shh-N) (µg/mL)

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