



Anti-mouse Dhh C-terminal peptide Antibody

ORDERING INFORMATION

Catalog Number: AF196

Lot Number: FJC01

Size: 100 µg

Formulation: 0.2 µm filtered solution in PBS

Storage: -20° C

Reconstitution: sterile PBS

Specificity: rmDhh C-terminal peptide

Immunogen: *E. coli*-derived rmDhh
C-terminal peptide
(aa 199 - 396)

Ig Type: goat IgG

Applications: ELISA
Western blot
Immunohistochemistry

Preparation

Produced in goats immunized with purified, *E. coli*-derived, recombinant mouse desert hedgehog (rmDhh) C-terminal peptide. Mouse Dhh C-terminal peptide specific IgG was purified by mouse Dhh C-terminal peptide affinity chromatography.

Formulation

Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS).

Endotoxin Level

< 0.1 EU per 1 µg of the antibody as determined by the LAL method.

Reconstitution

Reconstitute with sterile PBS. If 1 mL of PBS is used, the antibody concentration will be 0.1 mg/mL.

Storage

Lyophilized samples are stable for twelve months from date of receipt when stored at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20° C to -70° C **in a manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody has been selected for its ability to recognize rmDhh C-terminal peptide in direct ELISAs and western blots.

Applications

Direct ELISA - This antibody can be used at 0.5 - 1.0 µg/mL with the appropriate secondary reagents to detect mouse Dhh C-terminal peptide. The detection limit for rmDhh C-terminal peptide is approximately 3 ng/well.

Western blot - This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect mouse Dhh C-terminal peptide. The detection limit for rmDhh C-terminal peptide is approximately 20 ng/lane under non-reducing and reducing conditions. In this format, this antibody shows less than 1% cross-reactivity with rmDhh N-terminal peptide (aa 23 - 198), rmShh C-terminal peptide (aa 199 - 437) and rmlhh C-terminal peptide (aa 241 - 449).

Immunohistochemistry - This antibody will detect Dhh C-terminal peptide in cells or tissues. The working dilution is 15 µg/mL. Detection may be done using fluorescence immunocytochemistry.

Optimal dilutions should be determined by each laboratory for each application.

For immunohistochemistry images, please refer to our website at <http://www.RnDSystems.com/ihc>