



Biotinylated Anti-human Chordin-like 2 Antibody

ORDERING INFORMATION

Catalog Number: BAF2448

Lot Number: UVT01

Size: 50 µg

Formulation: 0.2 µm filtered solution in PBS
with BSA

Storage: -20° C

Reconstitution: sterile 0.1% BSA in TBS

Specificity: human Chordin-like 2

Immunogen: NS0-derived rhChordin-like 2
(aa 28 - 451)

Ig Type: goat IgG

Applications: Western blot
Immunohistochemistry

Preparation

Produced in goats immunized with purified, NS0-derived, recombinant human Chordin-like 2 (rhChordin-like 2; Accession # AY163868). Human Chordin-like 2 specific IgG was purified by human Chordin-like 2 affinity chromatography and then biotinylated. CHRDL2, also known as breast tumor novel factor 1 (BNF-1), is a secreted BMP antagonist implicated in chondrocyte development.

Formulation

Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin (BSA) per 1 µg of antibody.

Reconstitution

Reconstitute with sterile Tris-buffered saline pH 7.3 (20 mM Trizma base, 150 mM NaCl) containing 0.1% BSA. If 1 mL of buffer is used, the antibody concentration will be 50 µg/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 use as a detection antibody in the applications listed below.

Applications

Western Blot - This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect human Chordin-like 2. The detection limit for rhChordin-like 2 is approximately 25 ng/lane under non-reducing and reducing conditions.

Immunohistochemistry - This antibody will detect Chordin-like 2 in cells and tissues. The working dilution is 2 - 15 µg/mL. For chromogenic detection of labeling, use R&D Systems' Cell and Tissue Staining Kits (CTS Series).

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