Mouse Wnt-8b Antibody

Monoclonal Rat IgG_{2A} Clone # 341502

Catalog Number: MAB33671

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Wnt-8b in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human Wnt-2, -7a, -7b, -9a, recombinant mouse Wnt-1, -3a, -4, -5a, -5b, -8a, or -9b is observed.
Source	Monoclonal Rat IgG_{2A} Clone # 341502
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant mouse Wnt–8b Trp22-Glu52, Leu195-Arg269 Accession # Q9WUD6
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

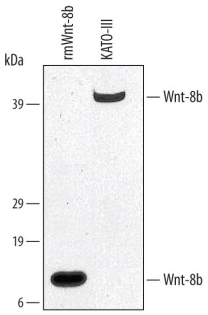
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Western Blot	5 µg/mL	See Below

DATA

Western Blot



Detection of Mouse Wnt-8b by Western Blot. Western blot shows lysates of KATO-III human gastric carcinoma cell line. PVDF membrane was probed with 5 µg/mL Rat Anti-Mouse Wnt-8b Monoclonal Antibody (Catalog # MAB33671) followed by HRP-conjugated Anti-Rat IgG Secondary Antibody (Catalog # HAF005). For additional reference, recombinant mouse Wnt-8b (20 ng) was included. A specific band for native Wnt-8b was detected at approximately 40 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 6.

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Mouse Wnt-8b is a 40-50 kDa secreted glycoprotein member of the Wnt family of proteins. Mature mouse Wnt-8b is 329 aa in length and contains 24 cysteines plus three potential N-linked glycosylation sites. Little is known about Wnt-8b. It appears to play a role in forebrain development. The mature mouse protein is 100%, 98%, and 97% identical to mature rat, canine, and human Wnt-8b, respectively.

bio-techne
bio-techne.com
Global info@bio-techne.com techsupport@bio-techne.com
North America TEL 800 343 7475 Europe | Middle East | Africa TEL +44 (0)1235 529449
China info.cn@bio-techne.com TEL +86 (21) 52380373
Rest of World bio-techne.com/find-us/distributors TEL +1 612 379 2956