

Mouse Wnt-8b Antibody

Monoclonal Rat IgG_{2A} Clone # 341502 Catalog Number: MAB33671

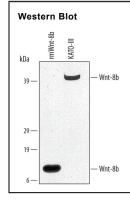
DESCRIPTION			
Species Reactivity	Mouse		
Specificity	Detects mouse Wnt-8b in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human Wnt-2, -7a, -7b, -9a, recombinant mouse Wnt-1, -3a, -4, -5a, -5b, -8a, or -9b is observed.		
Source	Monoclonal Rat IgG _{2A} Clone # 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 either lyophilized or 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



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

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 as 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.

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