

Mouse Wnt-8b Antibody

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

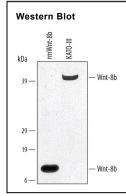
DESCRIPTION			
Species Reactivity	y Mouse		
Specificity	Detects mouse Wnt-8b in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human Wnt-2, -7a, -7b, -9a, recombinant mouse Wnt-1, -3a, -4, -5a, -5b, -8a, or -9b is observed.		
Source	Monoclonal Rat IgG _{2A} Clone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



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.

BACKGROUNI

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.

