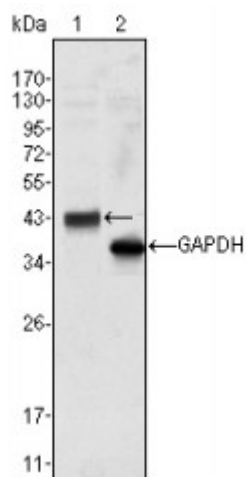


Anti-Wnt-10b antibody



Description	Mouse monoclonal to Wnt-10b.
Model	STJ98452
Host	Mouse
Reactivity	Human
Applications	ELISA, IF, IHC, WB
Immunogen	Purified recombinant fragment of human Wnt-10b expressed in E. Coli.
Gene ID	7480
Gene Symbol	WNT10B
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000IF 1:200-1:1000ELISA 1:10000
Specificity	Wnt-10b Monoclonal Antibody detects endogenous levels of Wnt-10b protein.
Tissue Specificity	Detected in most adult tissues. Highest levels were found in heart and skeletal muscle. Low levels are found in brain.
Purification	Affinity purification
Clone ID	5A7
Note	For Research Use Only (RUO).
Protein Name	Protein Wnt-10b Protein Wnt-12
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1

Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12775OMIM:225300
Alternative Names	Protein Wnt-10b Protein Wnt-12
Function	Member of the Wnt ligand gene family that encodes for secreted proteins, which activate the Wnt signaling cascade. Specifically activates canonical Wnt/beta-catenin signaling and thus triggers beta-catenin/LEF/TCF-mediated transcriptional programs. Involved in signaling networks controlling stemness, pluripotency and cell fate decisions. Acts in the immune system, mammary gland, adipose tissue, bone and skin.
Cellular Localization	Secreted, extracellular space, extracellular matrix.
Post-translational Modifications	Palmitoleylation is required for efficient binding to frizzled receptors. Depalmitoleylation leads to Wnt signaling pathway inhibition.

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