



Armenian Hamster Anti-Mouse Jagged 2 Monoclonal antibody, clone HMJ2-1 (CABT- L4421)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	The HMJ2-1 monoclonal antibody reacts with mouse Jagged 2 one of many Notch ligands. Jagged 2 is expressed by thymic lymphoid and stromal cells, as well as macrophages and dendritic cells in the spleen.
Target	Mouse Jagged 2
Immunogen	CHO cells expressing mouse Jagged-2
Isotype	IgG
Source/Host	Armenian Hamster
Species Reactivity	Mouse
Clone	HMJ2-1
Purification	Protein A purified. Purity>95%. Determined by SDS-PAGE
Conjugate	Functional Grade
Applications	in vivo Jagged 2 neutralization
Molecular Weight	150 kDa
Format	0.2 µM filtered liquid. Purified from tissue culture supernatant in an animal free facility
Concentration	Lot specific

Size	5 mg
Buffer	PBS, pH 7.0. Contains no stabilizers or preservatives. [low endotoxin azide-free] Endotoxin level: <2EU/mg (<0.002EU/μg). Determined by LAL gel clotting assay Related dilution buffer: CABT-LB04
Preservative	None
Storage	The antibody solution should be stored undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	The HMJ2-1 monoclonal antibody reacts with mouse Jagged 2 one of many Notch ligands. Jagged 2 is expressed by thymic lymphoid and stromal cells, as well as macrophages and dendritic cells in the spleen. The Notch pathway is an important intercellular signaling pathway that plays a major role in controlling cell fate. The HMJ2-1 antibody has been shown to neutralize Jagged 2 in vivo.
Keywords	JAG2;jagged 2;sm;Serh;D12Ggc2e;mJagged2-1;protein jagged-2;syndactylism;

GENE INFORMATION

Official Symbol	jagged 2
Synonyms	JAG2; jagged 2; sm; Serh; D12Ggc2e; mJagged2-1; protein jagged-2; syndactylism;
References	Riella, L. V., et al. (2013). "Jagged2-signaling promotes IL-6-dependent transplant rejection." Eur J Immunol 43(6): 1449-1458. PubMed;