

## Mouse Monoclonal Antibody to LHX2

Catalogue Number	sAP-0542
Target Molecule	<b>Name: LHX2</b> <b>Aliases:</b> LH2; hLhx2; MGC138390; LHX2 <b>MW: 44kDa</b> <b>Entrez Gene ID: 9355</b>
Description	This gene encodes a protein belonging to a large protein family, members of which carry the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein may function as a transcriptional regulator. The protein can recapitulate or rescue phenotypes in Drosophila caused by a related protein, suggesting conservation of function during evolution.
Immunogen	Purified recombinant fragment of human LHX2 expressed in E. Coli. ;
Recombinant Species	Human
Clone	MM6G2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. PLoS One. 2008 Apr 23;3(4):e2025. ; 2. Science. 2008 Jan 18;319(5861):304-9.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**