



Mouse anti-Human IRX5 monoclonal antibody, clone 7C6 (CABT-B10470)

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

PRODUCT INFORMATION

Immunogen	IRX5 (NP_005844, 204 a.a. ~ 265 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	7C6
Conjugate	Unconjugated
Applications	WB, IF, sELISA, ELISA
Sequence Similarities	PQKPEDKADPEGPEAGGAEQKAASGCERLQGPPTPAGKETEGSLSDFKEPPSEGRLDA L*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a member of the iroquois homeobox gene family, which are involved in several embryonic developmental processes. Knockout mice lacking this gene show that it is
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required for retinal cone bipolar cell differentiation, and that it negatively regulates potassium channel gene expression in the heart to ensure coordinated cardiac repolarization. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]

Keywords	IRX5; iroquois homeobox 5; HMMS; IRXB2; IRX-2a; iroquois-class homeodomain protein IRX-5; homeodomain protein IRXB2; homeodomain protein IRX-2A;
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GENE INFORMATION

Entrez Gene ID	10265
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UniProt ID	P78411
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Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; vitamin D binding
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