

小鼠抗 HSCB 单克隆抗体

中文名称: 小鼠抗 HSCB 单克隆抗体

英文名称: Anti-HSCB mouse monoclonal antibody

别名: dj366L4.2; DNAJC20; HSC20; JAC1

抗原: HSCB

储存: 冷冻 (-20℃) 避光

宿主: Mouse

反应种属: Human , Dog , Rat , Monkey , Mouse

相关类别: 一抗

标记物: Unconjugate

克隆类型: mouse monoclonal

技术规格

Background:

HscB (HscB iron-sulfur cluster co-chaperone homolog (E. coli)), also known as HSC20, JAC1 or DnaJ homolog subfamily C member 20 (DNAJC20), is a 235 amino acid mitochondrial protein that functions as a co-chaperone in iron-sulfur cluster formation. Highly expressed in heart, liver and muscle, and belonging to the HscB family, HscB exists as a L-shaped crystal structure resembling E. coli HscB. Human HscB contains an N-terminal mitochondrial targeting signal followed by a J-domain and short loop. The C-terminal domain folds into a compact 3-helix bundle and likely mediates specific interactions with IscU. Containing six exons and five introns, the gene encoding HscB maps to human chromosome 22, which houses over 500 genes and is the second smallest human chromosome.

Applications:	WB, IHC
Name of antibody:	HSCB
Immunogen:	Fusion protein of human HSCB
Full name:	HscB mitochondrial iron-sulfur cluster co-chaperone (HSC B)
Synonyms:	dJ366L4.2; DNAJC20; HSC20; JAC1
SwissProt:	Q8IWL3
IHC positive control:	carcinoma of human thyroid tissue and human endometrium tissue; human lymph node tissue and human liver tissue
IHC Recommend dilution:	30-150
WB Predicted band size:	27 kDa
WB Positive control:	HepG2, HeLa, SVT2, A549, COS7, Jurkat, MDCK, PC12, MCF-7 cell lysates
WB Recommended dilution:	500-2000