



Anti-CASQ2 monoclonal antibody, clone FQS5338 (DCABH-123)

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

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to Calsequestrin 2
Antigen Description	Calsequestrin is a high-capacity, moderate affinity, calcium-binding protein and thus acts as an internal calcium store in muscle. The release of calcium bound to calsequestrin through a calcium release channel triggers muscle contraction. Binds 40 to 50 moles of calcium.
Immunogen	A synthetic peptide corresponding to residues in Human Calsequestrin 2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS5338
Conjugate	Unconjugated
Applications	WB
Positive Control	Human heart, mouse heart or rat heart lysates
Format	Liquid
Size	100 µl
Buffer	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
Preservative	0.1% Sodium Azide
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	CASQ2 calsequestrin 2 (cardiac muscle) [Homo sapiens]
Official Symbol	CASQ2
Synonyms	CASQ2; calsequestrin 2 (cardiac muscle); calsequestrin-2; PDIB2; calsequestrin, cardiac muscle isoform; calsequestrin 2, fast-twitch, cardiac muscle; FLJ26321; FLJ93514;
Entrez Gene ID	845
Protein Refseq	NP_001223
UniProt ID	O14958
Chromosome Location	1p13.3-p11
Pathway	Calcium Regulation in the Cardiac Cell, organism-specific biosystem.
Function	calcium ion binding;