



Mouse anti-Human ARPC4 monoclonal antibody, clone 2F6 (CABT-B9798)

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

PRODUCT INFORMATION

Immunogen	ARPC4 (NP_005709, 1 a.a. ~ 111 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	2F6
Conjugate	Unconjugated
Applications	sELISA, ELISA
Sequence Similarities	MTATLRPYLSAVRATLQAALCLENFSSQVVERHNKPEVEVRSSKELLQPVTISRNEKEK VLIEGSINSVRVSIQVKQADEIEKILCHKFMRFTMMRAENFFILRRKPVE*
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 one of seven subunits of the human Arp2/3 protein complex. This complex controls actin polymerization in cells and has been conserved throughout eukaryotic evolution.
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This gene encodes the p20 subunit, which is necessary for actin nucleation and high-affinity binding to F-actin. Alternative splicing results in multiple transcript variants. Naturally occurring read-through transcription exists between this gene and the downstream tubulin tyrosine ligase-like family, member 3 (TTLL3), which results in the production of a fusion protein. [provided by RefSeq, Nov 2010]

Keywords	ARPC4; actin related protein 2/3 complex, subunit 4, 20kDa; ARC20; P20-ARC; actin-related protein 2/3 complex subunit 4; arp2/3 complex 20 kDa subunit; arp2/3 protein complex subunit p20;
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GENE INFORMATION

Entrez Gene ID	10093
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Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; CDC42 signaling events, organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; Fc gamma R-mediated phagocytosis, organism-specific biosystem
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Function	contributes_to actin filament binding; protein binding; contributes_to protein binding, bridging
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