



# Mouse anti-Human ARF5 monoclonal antibody, clone 2C5 (CABT-B9782)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	ARF5 (AAH03043, 81 a.a. ~ 180 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	2C5
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,IF,sELISA,ELISA
<b>Sequence Similarities</b>	YFQNTQGLIFVVDSDNRERVQESADELQKMLQEDELRLDAVLLVFANKQDMPNAMPVSELT DKLGLQHLSRSTWYVQATCATQGTGLYDGLDWLSHELSKR
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	This gene is a member of the human ADP-ribosylation factor (ARF) gene family. These genes encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase
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activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The gene products include 6 ARF proteins and 11 ARF-like proteins and constitute 1 family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2, and ARF3), class II (ARF4 and ARF5) and class III (ARF6). The members of each class share a common gene organization. [provided by RefSeq, Dec 2010]

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<b>Keywords</b>	ARF5; ADP-ribosylation factor 5;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">381</a>
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<b>UniProt ID</b>	<a href="#">P84085</a>
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<b>Pathway</b>	Class I PI3K signaling events, organism-specific biosystem
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<b>Function</b>	GTP binding; GTPase activity; nucleotide binding; protein binding
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