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Datasheet for ABIN873060

## anti-FRMD5 antibody (AA 211-312)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	FRMD5
Binding Specificity:	AA 211-312
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FRMD5 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

#### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FRMD5
Isotype:	IgG
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

#### Target Details

Target:	FRMD5
Alternative Name:	FrmD5 ( <a href="#">FRMD5 Products</a> )

## Target Details

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**Background:** FERM domains are roughly 150 amino acids in length and are found in a number of cytoskeletal-associated proteins such as Ezrin, Radixin, Moesin and 4.1 (erythrocyte membrane protein band 4.1), where they provide a link between cytoskeletal signals and membrane dynamics. FRMD5 (FERM domain-containing protein 5) is a 570 amino acid single-pass membrane protein that contains one FERM domain and exists as two alternatively spliced isoforms. The gene encoding FRMD5 maps to human chromosome 15, which houses over 700 genes and comprises nearly 3 % of the human genome. Angelman syndrome, Prader-Willi syndrome, Tay-Sachs disease and Marfan syndrome are all associated with defects in chromosome 15-localized genes.

**Subcellular location:** Cell membrane

**Synonyms:** FERM domain containing 5, FERM domain-containing protein 5, FLJ41022, FRMD5, FRMD5\_HUMAN, MGC14161.

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**Gene ID:** 84978

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## Application Details

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**Application Notes:** WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** 0.01M TBS( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

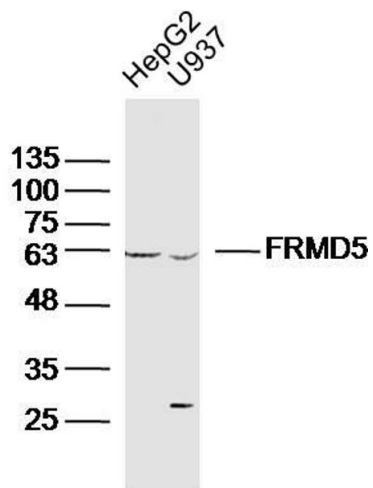
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## Handling

Storage Comment: Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

## Images



### Western Blotting

**Image 1.** Lane 1: HepG2 lysates Lane 2: U937 lysates probed with FRMD5 Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.