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## Datasheet for ABIN7077275 **anti-CD47 antibody (FITC)**

### 1 Image

#### Overview

Quantity:	100 tests
Target:	CD47
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD47 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

#### Product Details

Immunogen:	Intact CD47 purified from placenta
Clone:	B6H12-2
Isotype:	IgG1 kappa
Characteristics:	<p>The clone B6H12, a mouse monoclonal antibody selectively recognizes a ~50 kDa N-linked glycan protein originally known as integrin-associated protein or IAP and currently known as CD47. CD47 is an unusual Immunoglobulin (Ig) family member, with an Ig variable-like amino-terminal extracellular domain and a five times membrane-spanning carboxyl-terminal region. It is broadly expressed on the plasma membranes of all hematopoietic cells, including erythrocytes. CD47 plays various important roles in cellular functional processes, including proliferation, apoptosis, adhesion, migration, and also in immune regulation and homeostasis. CD47 is highly expressed on myeloma cells and may be considered as a potential therapeutic candidate for myeloma therapy.</p>

## Product Details

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Purification: Purified

Purity: >95 %

Grade: GMP Grade

## Target Details

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Target: CD47

Alternative Name: CD47 ([CD47 Products](#))

**Background:** The clone B6H12, a mouse monoclonal antibody selectively recognizes a ~50 kDa N-linked glycan protein originally known as integrin-associated protein or IAP and currently known as CD47. CD47 is an unusual Immunoglobulin (Ig) family member, with an Ig variable-like amino-terminal extracellular domain and a five times membrane-spanning carboxyl-terminal region. It is broadly expressed on the plasma membranes of all hematopoietic cells, including erythrocytes. CD47 plays various important roles in cellular functional processes, including proliferation, apoptosis, adhesion, migration, and also in immune regulation and homeostasis. CD47 is highly expressed on myeloma cells and may be considered as a potential therapeutic candidate for myeloma therapy.

Gene ID: 961

UniProt: [Q08722](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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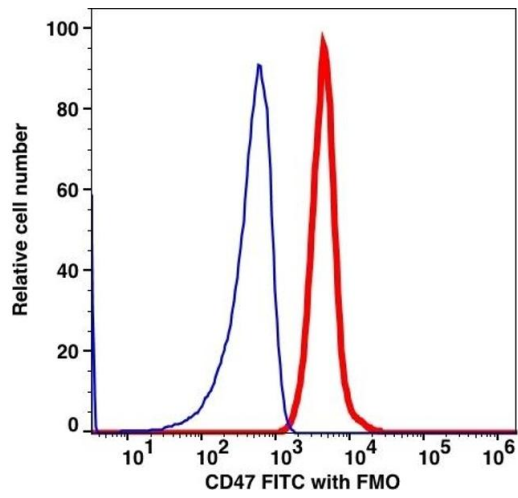
Format: Liquid

Buffer: PBS pH 7.2, 0.2 % (w/v) BSA, 0.09 % (w/v) sodium azide

Preservative: Sodium azide

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

Storage: 4 °C



### Flow Cytometry

Image 1.