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Datasheet for ABIN1712946

**anti-IFITM5 antibody (PE-Cy5)**

## Overview

Quantity:	100 µL
Target:	IFITM5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFITM5 antibody is conjugated to PE-Cy5
Application:	Western Blotting (WB)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IFITM5
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

## Target Details

Target:	IFITM5
Alternative Name:	IFITM5 ( <a href="#">IFITM5 Products</a> )
Background:	<p>Synonyms: Bone-restricted interferon-induced transmembrane protein-like protein, BRIL, Fragilis4, Hrmp1, ITM5, M5_HUMAN, Interferon-induced transmembrane protein 5.</p> <p>Background: IFITM5 is a membrane protein thought to play a role in bone mineralization. This gene is located on chromosome 11 in a cluster of related genes which are induced by</p>

## Target Details

interferon, however, this gene has not been shown to be interferon inducible. A similar gene, located in a gene cluster on mouse chromosome 7, is a member of the interferon-inducible fragilis gene family. The mouse gene encodes a transmembrane protein described as participating in germ cell competence. A mutation in the 5' UTR of this gene has been associated with osteogenesis imperfecta type V (PMID: 22863190, 22863195).

## Application Details

Application Notes:	FCM(1:100-500)  Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months