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Datasheet for ABIN910961

**anti-PHF8 antibody (AA 501-600) (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	PHF8
Binding Specificity:	AA 501-600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHF8 antibody is conjugated to Alexa Fluor 488
Application:	Flow Cytometry (FACS)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PHF8
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	PHF8
Alternative Name:	PHF8 ( <a href="#">PHF8 Products</a> )
Background:	Synonyms: PHD finger protein 8, PHD finger protein 8, Histone lysine demethylase PHF8, PHD

## Target Details

finger protein 8, PHF8, PHF8\_HUMAN, ZNF422.

Background: The protein encoded by this gene is a histone lysine demethylase that preferentially acts on histones in the monomethyl or dimethyl states. The encoded protein requires Fe(2+) ion, 2-oxoglutarate, and oxygen for its catalytic activity. Defects in this gene are a cause of mental retardation syndromic X-linked Siderius type (MRXSSD). Four transcript variants encoding different isoforms have been found for this gene.

Gene ID: 23133

## Application Details

Application Notes: FCM 1:20-100

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: ProClin

Precaution of Use: This product contains ProClin: 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