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Datasheet for ABIN6944135  
**anti-MTHFSD antibody (AA 81-180) (Alexa Fluor 594)**

### Overview

Quantity:	100 µL
Target:	MTHFSD
Binding Specificity:	AA 81-180
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTHFSD antibody is conjugated to Alexa Fluor 594
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

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

### Target Details

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

## Target Details

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Background: Synonyms: methenyltetrahydrofolate synthetase domain containing, MTHFSD.  
Background: MTHFSD (Methenyltetrahydrofolate synthetase domain-containing protein) is a 383 amino acid protein that contains one RRM (RNA recognition motif) domain, which suggests that MTHFSD functions as a RNA-binding protein. The RRM domain consists of four strands and two helices arranged in an  $\_/\_$  sandwich. The gene encoding MTHFSD maps to human chromosome 16, which encodes over 900 genes and comprises nearly 3 % of the human genome.

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Gene ID: 64779

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UniProt: [Q2M296](#)

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## Application Details

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Application Notes: 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  $\mu\text{g}/\mu\text{L}$

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Buffer: Aqueous buffered solution containing 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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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months

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