



[Go to Product page](#)

Datasheet for ABIN7263673

## anti-FM05 antibody

### 1 Image

#### Overview

Quantity:	200 µL
Target:	FM05
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FM05 antibody is un-conjugated
Application:	Immunofluorescence (IF)

#### Product Details

Immunogen:	Recombinant fusion protein of human FM05 (NP_001138302.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	FM05
Alternative Name:	FM05 ( <a href="#">FM05 Products</a> )
Background:	Metabolic N-oxidation of the diet-derived amino-trimethylamine (TMA) is mediated by flavin-containing monooxygenase and is subject to an inherited FM03 polymorphism in man resulting in a small subpopulation with reduced TMA N-oxidation capacity resulting in fish odor syndrome Trimethylaminuria. Three forms of the enzyme, FM01 found in fetal liver, FM02

## Target Details

---

found in adult liver, and FMO3 are encoded by genes clustered in the 1q23-q25 region. Flavin-containing monooxygenases are NADPH-dependent flavoenzymes that catalyzes the oxidation of soft nucleophilic heteroatom centers in drugs, pesticides, and xenobiotics. Alternative splicing results in multiple transcript variants.

Gene ID: 2330

UniProt: [P49326](#)

## Application Details

---

Application Notes: IF 1:50-1:200

Restrictions: For Research Use only

## Handling

---

Format: Liquid

Concentration: 1 mg/mL

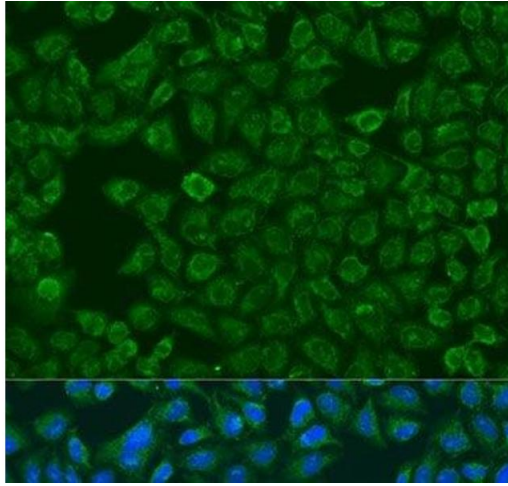
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

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. Avoid freeze / thaw cycles.



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using FM05 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.