

Datasheet for ABIN7172799

**anti-Transferrin Receptor 2 antibody (AA 534-605)**[Go to Product page](#)**3** Images

## Overview

Quantity:	100 µg
Target:	Transferrin Receptor 2 (TFR2)
Binding Specificity:	AA 534-605
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Transferrin Receptor 2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Transferrin receptor protein 2 protein (534-605AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	Transferrin Receptor 2 (TFR2)
Alternative Name:	TFR2 ( <a href="#">TFR2 Products</a> )
Background:	Background: Mediates cellular uptake of transferrin-bound iron in a non-iron dependent manner. May be involved in iron metabolism, hepatocyte function and erythrocyte differentiation.

## Target Details

Aliases: HFE 3 antibody, HFE3 antibody, MGC126368 antibody, TFR 2 antibody, TfR2 antibody, TFR2\_HUMAN antibody, TFRC 2 antibody, TFRC2 antibody, Transferrin receptor 2 antibody, Transferrin receptor protein 2 antibody

UniProt: [Q9UP52](#)

Pathways: [Transition Metal Ion Homeostasis](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

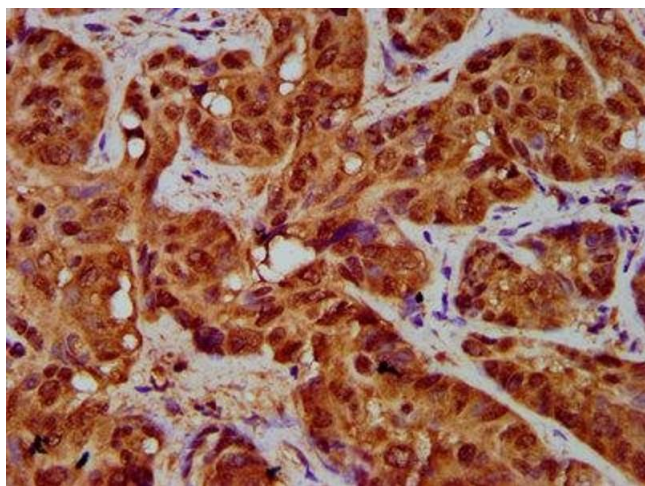
Preservative: ProClin

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

Storage: -20 °C,-80 °C

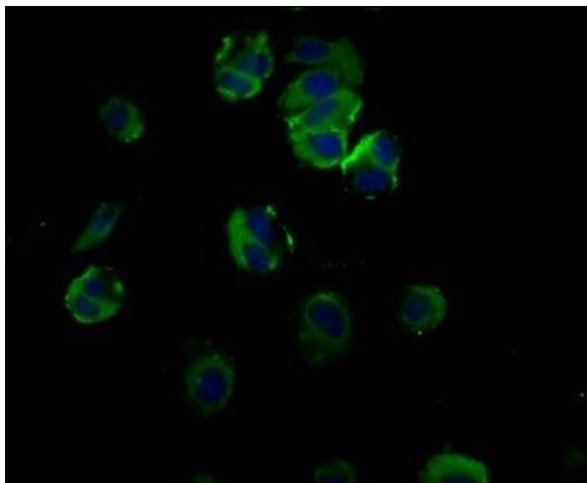
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



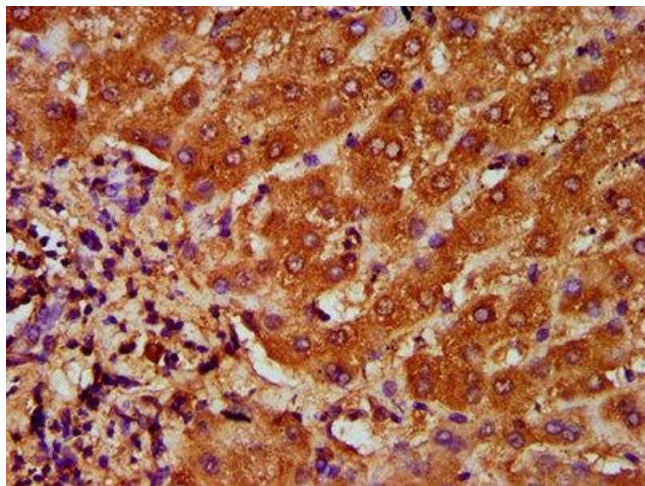
### Immunohistochemistry

**Image 1.** IHC image of ABIN7172799 diluted at 1:200 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### Immunofluorescence

**Image 2.** Immunofluorescence staining of MCF-7 cells with ABIN7172799 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



#### Immunohistochemistry

**Image 3.** IHC image of ABIN7172799 diluted at 1:200 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.