

Datasheet for ABIN7297066  
**anti-SURF1 antibody (Center)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	SURF1
Binding Specificity:	Center
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SURF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

## Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SURF1.
Specificity:	Recognizes endogenous levels of SURF1 protein.
Characteristics:	Rabbit polyclonal antibody to SURF1
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	SURF1
Alternative Name:	SURF1 ( <a href="#">SURF1 Products</a> )

## Target Details

Background:	SURF-1, Surfeit locus protein 1
Gene ID:	6834, 20930
UniProt:	<a href="#">Q15526</a> , <a href="#">P09925</a>
Pathways:	<a href="#">Proton Transport</a> , <a href="#">Ribonucleoside Biosynthetic Process</a>

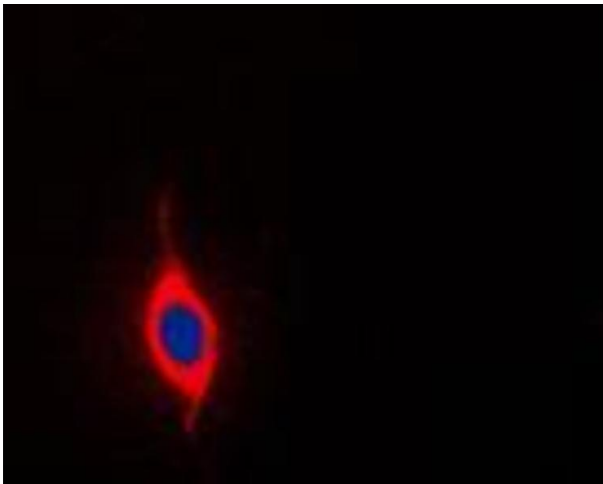
## Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

## Handling

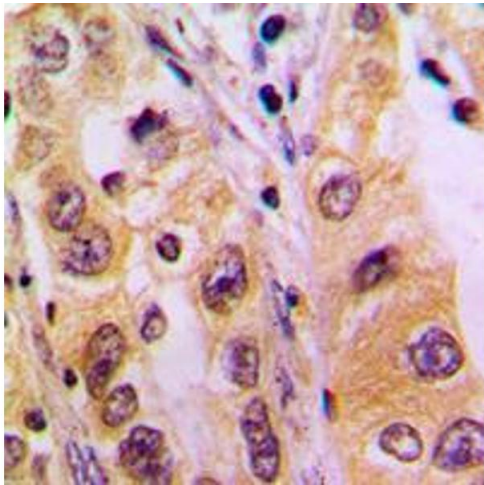
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

## Images



### Immunofluorescence

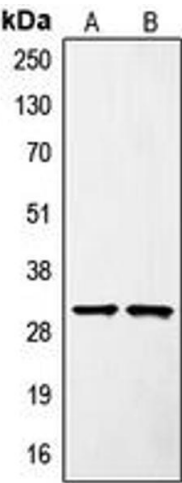
**Image 1.** Immunofluorescent analysis of SURF1 staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room



temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Immunohistochemistry

**Image 2.** Immunohistochemical analysis of SURF1 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

**Image 3.** Western blot analysis of SURF1 expression in Jurkat (A), mouse liver (B) whole cell lysates.