

Datasheet for ABIN6262435

**anti-ICAM-3/CD50 antibody (Internal Region)****2** Images[Go to Product page](#)

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | ICAM-3/CD50 (ICAM3)  |
| Binding Specificity: | Internal Region  |
| Reactivity:          | Human, Mouse   |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This ICAM-3/CD50 antibody is un-conjugated   |
| Application:         | Western Blotting (WB), Immunofluorescence (IF), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC) |

## Product Details

|               |   |
|---------------|---|
| Immunogen:    | A synthesized peptide derived from human ICAM3, corresponding to a region within the internal amino acids.                |
| Isotype:      | IgG   |
| Specificity:  | ICAM3 Antibody detects endogenous levels of total ICAM3.  |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | ICAM-3/CD50 (ICAM3)                      |
| Alternative Name: | ICAM3 ( <a href="#">ICAM3 Products</a> ) |

## Target Details

|             |  |
|-------------|--|
| Background: | Description: ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2) (PubMed:1448173). ICAM3 is also a ligand for integrin alpha-D/beta-2. In association with integrin alpha-L/beta-2, contributes to apoptotic neutrophil phagocytosis by macrophages (PubMed:23775590).<br>Gene: ICAM3 |
|-------------|--|

|                   |         |
|-------------------|---------|
| Molecular Weight: | 120 kDa |
|-------------------|---------|

|          |      |
|----------|------|
| Gene ID: | 3385 |
|----------|------|

|          |                        |
|----------|------------------------|
| UniProt: | <a href="#">P32942</a> |
|----------|------------------------|

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | WB 1:1000-3000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000 |
|--------------------|--|

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|         |        |
|---------|--------|
| Format: | Liquid |
|---------|--------|

|                |         |
|----------------|---------|
| Concentration: | 1 mg/mL |
|----------------|---------|

|         |   |
|---------|---|
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
|---------|---|

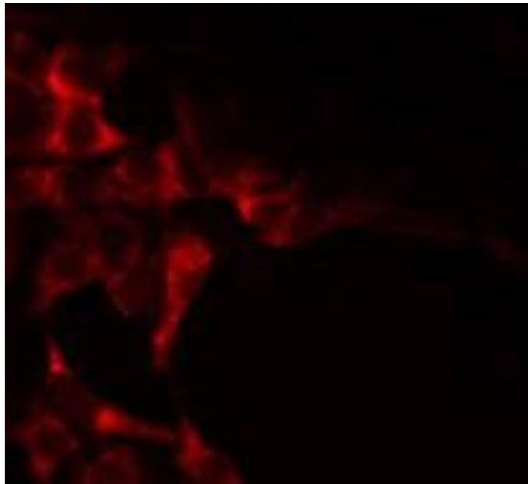
|               |              |
|---------------|--------------|
| Preservative: | Sodium azide |
|---------------|--------------|

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

|          |        |
|----------|--------|
| Storage: | -20 °C |
|----------|--------|

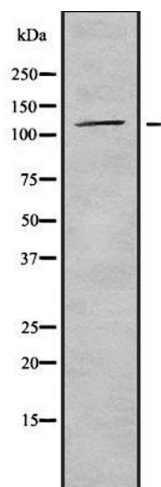
|                  |   |
|------------------|---|
| Storage Comment: | Store at -20 °C. Stable for 12 months from date of receipt. |
|------------------|---|

|              |           |
|--------------|-----------|
| Expiry Date: | 12 months |
|--------------|-----------|



#### Immunofluorescence (fixed cells)

**Image 1.** ABIN6278088 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



#### Western Blotting

**Image 2.** Western blot analysis of ICAM3 using HepG2 whole lysates.