

Datasheet for ABIN6990728  
**anti-DARC antibody (N-Term)**



[Go to Product page](#)

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 0.1 mg   |
| Target:              | DARC   |
| Binding Specificity: | N-Term   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This DARC antibody is un-conjugated  |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|               |  |
|---------------|--|
| Immunogen:    | DARC antibody was raised against a 18 amino acid synthetic peptide from near the amino terminus of human DARC. The immunogen is located within the first 50 amino acids of DARC. |
| Isotype:      | IgG  |
| Purification: | DARC Antibody is affinity chromatography purified via peptide column.  |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | DARC  |
| Alternative Name: | DARC ( <a href="#">DARC Products</a> )  |
| Background:       | DARC Antibody: DARC, also known as the Duffy antigen/chemokine receptor, is a seven-transmembrane protein homologous to the classical chemokine G-protein coupled receptors |

## Target Details

(GPCRs) with the exception of the motif required for G protein coupling. DARC can bind with high affinity several chemokines without transducing any signal, suggesting it may modulate the signals normally induced by these chemokines. Recently, DARC was found to interact with KAI1, a four transmembrane protein recently identified as a tumor metastasis suppressor protein. It is thought that tumor cells dislodged from the primary tumor and expressing KAI1 interact with DARC proteins expressed on vascular cells, transmitting a senescent signal to the tumor cells, while tumor cells that have lost KAI1 expression can proliferate and potentially give rise to metastases. At least three isoforms of DARC are known to exist.

Gene ID: 2532

UniProt: [Q16570](#)

## Application Details

Application Notes: DARC antibody can be used for detection of DARC by Western blot at 0.5 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: DARC Antibody is supplied in PBS containing 0.02 % 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, 4 °C

Storage Comment: DARC antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.