abcam

**ab181456**

# Anti-Decorin antibody [5E8E7]

## Key facts

| | |
|---|---|
| **Isotype** | IgG1 |
| **Host species** | Mouse |
| **Storage buffer** | Preservative: 0.05% Sodium azide Constituents: PBS |
| **Form** | Liquid |
| **Clonality** | Monoclonal |
| **Immunogen** | Recombinant Fragment Protein within Human DCN aa 250 to C-terminus. The exact immunogen used to generate this antibody is proprietary information. Database link P07585 |
| **Clone number** | 5E8E7 |
| **Purification technique** | Affinity purification Protein G |
| **Concentration** | 1 mg/mL The concentration of this product may be batch-dependent<br>Batch concentration finder → |
| **Purification notes** | Purified from tissue culture supernatant. |

## Reactivity data

## Flow Cyt

### Tested

| | |
|---|---|
| **Species** | Human |
| **Dilution info** | 1/200 - 1/4000 |

| | |
|---|---|
| **Notes** | ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody. |

### Predicted

| | |
|---|---|
| **Species** | Rabbit, Horse, Dog, Pig, Chimpanzee |
| **Dilution info** | - |
| **Notes** | - |

## WB

### Tested

| | |
|---|---|
| **Species** | Human |
| **Dilution info** | 1/500 - 1/2000 |
| **Notes** | - |

### Predicted

| | |
|---|---|
| **Species** | Rabbit, Horse, Dog, Pig, Chimpanzee |
| **Dilution info** | - |
| **Notes** | - |

# Target data

See full target information DCN

| | |
|---|---|
| **Function** | May affect the rate of fibrils formation. |

# Storage

| | |
|---|---|
| **Shipped at conditions** | Blue Ice |
| **Appropriate short-term storage duration** | 1-2 weeks |
| **Appropriate short-term storage conditions** | +4°C |

| | |
|---|---|
| **Appropriate long-term storage conditions** | -20°C |
| **Aliquoting information** | Upon delivery aliquot |
| **Storage information** | Avoid freeze / thaw cycle |

## Notes

This product was changed from ascites to supernatant. Lot no's higher than GR150953-11 are from Tissue Culture Supernatant.

## Product promise

**Tested**

We have tested this species and application combination and it works. It is covered by our product promise.

**Expected**

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

**Predicted**

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

**Not recommended**

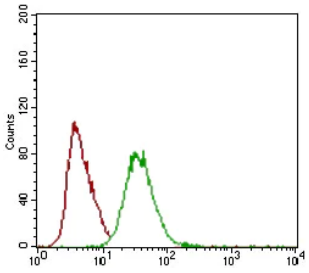
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

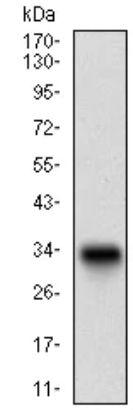
## 3 product images




## Flow Cytometry - Anti-Decorin antibody [5E8E7] (ab181456)

Decorin Flow Cytometry staining using mouse Anti-Decorin antibody

Flow cytometric analysis of HEK293 cells labeling Decorin with ab181456 at 1/200 dilution (green), compared to a negative control (red).

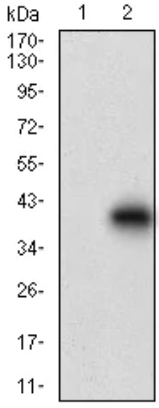



## Western blot - Anti-Decorin antibody [5E8E7] (ab181456)

Expected MWt is 32.5 kDa.
All lanes:
Western blot - Anti-Decorin antibody [5E8E7] (ab181456) at 1/500 dilution

All lanes:
Human Decorin recombinant protein

Predicted band size: 40 kDa




## Western blot - Anti-Decorin antibody [5E8E7] (ab181456)

All lanes:
Western blot - Anti-Decorin antibody [5E8E7] (ab181456) at 1/500 dilution

Lane 1:
HEK293 cell lysate

Lane 2:
Decorin (aa: 263-324)-hIgGFc transfected HEK293 cell lysate

Predicted band size: 40 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.