

Datasheet for ABIN2811356

## anti-CD44v7 antibody (AA 218-230) (AbBy Fluor® 594)



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### Overview

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| Quantity:            | 100 µL                                                |
| Target:              | CD44v7                                                |
| Binding Specificity: | AA 218-230                                            |
| Reactivity:          | Human                                                 |
| Host:                | Rabbit                                                |
| Clonality:           | Polyclonal                                            |
| Conjugate:           | This CD44v7 antibody is conjugated to AbBy Fluor® 594 |
| Application:         | Western Blotting (WB)                                 |

### Product Details

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human CD44v7 |
| Isotype:          | IgG                                                        |
| Specificity:      | This antibody will detect isoform 7 exclusively.           |
| Cross-Reactivity: | Human, Mouse                                               |
| Purification:     | Purified by Protein A.                                     |

### Target Details

|             |                                                                                      |
|-------------|--------------------------------------------------------------------------------------|
| Target:     | CD44v7                                                                               |
| Abstract:   | <a href="#">CD44v7 Products</a>                                                      |
| Background: | Synonyms: IN, LHR, MC56, MDU2, MDU3, MIC4, Pgp1, CDW44, CSPG8, HCELL, HUTCH-I, ECMR- |

## Target Details

III, CD44 antigen, Epican, Extracellular matrix receptor III, GP90 lymphocyte homing/adhesion receptor, Heparan sulfate proteoglycan, Hermes antigen, Hyaluronate receptor, Phagocytic glycoprotein 1, PGP-1, Phagocytic glycoprotein I, PGP-I, CD44

Background: Receptor for hyaluronic acid (HA). Mediates cell-cell and cell-matrix interactions through its affinity for HA, and possibly also through its affinity for other ligands such as osteopontin, collagens, and matrix metalloproteinases (MMPs). Adhesion with HA plays an important role in cell migration, tumor growth and progression. In cancer cells, may play an important role in invadopodia formation. Also involved in lymphocyte activation, recirculation and homing, and in hematopoiesis. Altered expression or dysfunction causes numerous pathogenic phenotypes. Great protein heterogeneity due to numerous alternative splicing and post-translational modification events.

|          |                        |
|----------|------------------------|
| Gene ID: | 960                    |
| UniProt: | <a href="#">P16070</a> |

## Application Details

|                    |                       |
|--------------------|-----------------------|
| Application Notes: | IF(IHC-P) 1:50-200    |
| Restrictions:      | For Research Use only |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 µg/µL                                                                                                                |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                      |
| Expiry Date:       | 12 months                                                                                                              |