

## Anti-CD44 antibody (Hyaluron Binding Region) [M591] (STJA0041134)

### GENERAL INFORMATION

|               |                    |
|---------------|--------------------|
| Product Type  | Primary antibodies |
| Applications  | ELISA/WB/ICC/IP    |
| Host / Source | Mouse              |
| Reactivity    | Human              |

### PRODUCT PROPERTIES

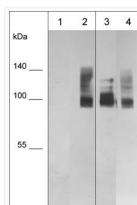
|                     |                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Monoclonal                                                                                                                                             |
| Conjugation         | Unconjugated                                                                                                                                           |
| Purification        | Protein G Purified                                                                                                                                     |
| Dilution Range      | WB 1:1000<br>ICC 1:100<br>IP 1:100                                                                                                                     |
| Formulation         | PBS + 1 mg/ml BSA, 0.05% NaN <sub>3</sub> and 50% glycerol                                                                                             |
| Isotype             | IgG1                                                                                                                                                   |
| Molecular Weight    | 80-130                                                                                                                                                 |
| Storage Instruction | Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C. |

### TARGET INFORMATION

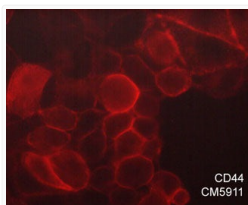
|                    |                                                                                                                                                                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">960</a>                                                                                                                                                                                                                                        |
| Gene Symbol        | <a href="#">CD44</a>                                                                                                                                                                                                                                       |
| UniProt ID         | <a href="#">CD44_HUMAN</a>                                                                                                                                                                                                                                 |
| Immunogen Region   | Hyaluron Binding Region                                                                                                                                                                                                                                    |
| Immunogen Sequence | Human                                                                                                                                                                                                                                                      |
| Specificity        | Clone M591 detects 80-130 kDa* bands corresponding to the molecular mass of CD44 on SDS-PAGE immunoblots of denatured and native MDA-MB-231 cell lysates. The antibody also detects the denatured and native form of a recombinant human CD44 protein that |

### ADDITIONAL INFORMATION

**Note** STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot human MDA-MB-231 lysates using anti-CD44 antibody STJA0041134



ICC staining CD44 in MCF7 cells using antibody with DyLight 594 detection STJA0041134