

Datasheet for ABIN654450  
**anti-ST7 antibody (AA 169-197)**[Go to Product page](#)

## 2 Images

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 400 µL                                       |
| Target:              | ST7  |
| Binding Specificity: | AA 169-197                                   |
| Reactivity:          | Rat  |
| Host:                | Rabbit                                       |
| Clonality:           | Polyclonal                                   |
| Conjugate:           | This ST7 antibody is un-conjugated           |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | This ST7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 169-197 amino acids from the Central region of human ST7. |
| Clone:                | RB24081   |
| Isotype:              | IgG   |
| Predicted Reactivity: | B, C, Zf, Hs, Pr, M, Pig, Rb, Sh  |
| Purification:         | This antibody is purified through a protein A column, followed by peptide affinity purification.  |

## Target Details

|                   |                                      |
|-------------------|--------------------------------------|
| Target:           | ST7                                  |
| Alternative Name: | ST7 ( <a href="#">ST7 Products</a> ) |

## Target Details

**Background:** The gene for this product maps to a region on chromosome 7 identified as an autism-susceptibility locus. Mutation screening of the entire coding region in autistic individuals failed to identify phenotype-specific variants, suggesting that coding mutations for this gene are unlikely to be involved in the etiology of autism. The function of this gene product has not been determined. Transcript variants encoding different isoforms of this protein have been described.

**Molecular Weight:** 67166

**Gene ID:** 7982

**NCBI Accession:** [NP\\_060882](#), [NP\\_068708](#)

**UniProt:** [Q9NRC1](#)

## Application Details

**Application Notes:** WB: 1:8000. FC: 1:10~50

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

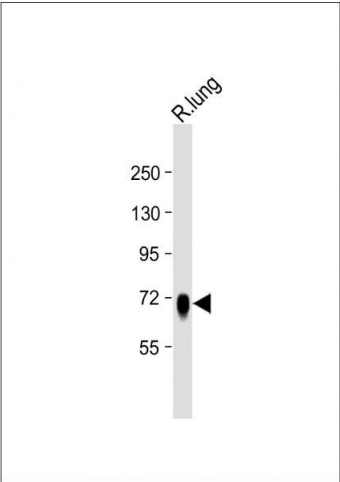
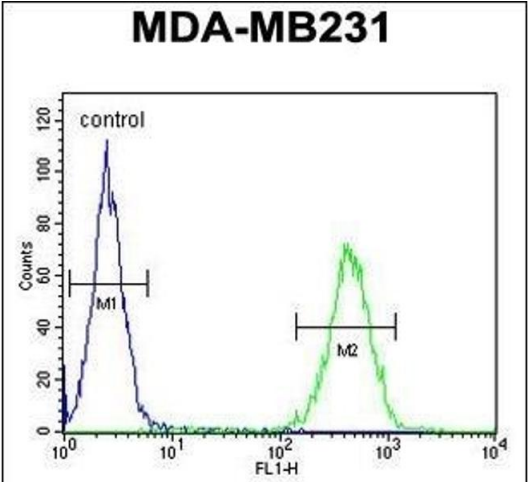
**Preservative:** Sodium azide

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

**Storage:** 4 °C, -20 °C

**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

**Expiry Date:** 6 months



### Flow Cytometry

**Image 1.** ST7 Antibody (Center) (ABIN654450 and ABIN2844184) flow cytometric analysis of MDA-M cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** Anti-ST7 Antibody (Center) at 1:8000 dilution + Rat lung lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 67 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.