

## Anti-CD177 antibody (35-285) (STJ28633)

### GENERAL INFORMATION

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

### PRODUCT PROPERTIES

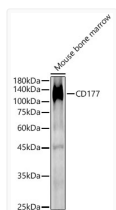
|                     |                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                           |
| Concentration       | Lot specific                                                                                                                                         |
| Conjugation         | Unconjugated                                                                                                                                         |
| Purification        | Affinity purification                                                                                                                                |
| Dilution Range      | WB:1:500-1:1000<br>ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                   |
| Isotype             | IgG                                                                                                                                                  |
| Molecular Weight    | Protein Mw: 51kDa<br>Observed Mw: 105kDa/45kDa                                                                                                       |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                       |

### TARGET INFORMATION

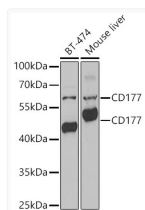
|                    |                                                                                                                                                                                                                                                                |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">57126</a>                                                                                                                                                                                                                                          |
| Gene Symbol        | <a href="#">CD177</a>                                                                                                                                                                                                                                          |
| UniProt ID         | <a href="#">CD177_HUMAN</a>                                                                                                                                                                                                                                    |
| Immunogen Region   | 35-285                                                                                                                                                                                                                                                         |
| Immunogen Sequence | VSDLPRQWTPKNTSCDSGLG CQDTLMLIESGPQVSLVLSK GCTEAKDQEPRVTEHRMGPG<br>LSLSYTFVCRQEDFCNNLV NSLPLWAPQPPADPGSLRCP VCLSMEGCLEGTTEEICPKG<br>TTHCYDGLLRGGGIFSNL RVQGCMPQPCNLLNGTQEI GPVGMTENCDMKDFLTCHRG<br>TTIMTHGNLAQEPTDWTTSN TEMCEVGVCQETLLLLDVG LTSTLVGTKGCSTVGAQNS |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 35-285 of human CD177 (NP_065139.2).                                                                                                                                             |

### ADDITIONAL INFORMATION

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



Western blot analysis of mouse bone marrow, using CD177 antibody (STJ28633) at 1:800 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



Western blot analysis of extracts of various lysates, using CD177 antibody (STJ28633) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.