

## LIN28 Monoclonal Antibody

### ORDERING INFORMATION

**Catalog no.:** 11303

**Format:** 100ug lyophilized from purified antibody in 10mM PBS, pH 7.4, 1.0% bovine serum albumin (BSA).

### BACKGROUND

LIN28 is an RNA-binding protein that was originally known for its role in promoting pluripotency via regulation of the microRNA let-7. Recent studies have revealed that LIN28 does more than regulate miRNA biogenesis. It appears to be a gatekeeper molecule that regulates the transition between pluripotency and committed cell lineages, in both let-7-dependent and let-7-independent manners.

### SPECIFICATION SUMMARY

**Antigen:** Recombinant human LIN28 protein.

**Accession no.:** Q9H9Z2

**Gene ID:** 79727

**Antibody Class:** IgG2b

**Clone no.:** 9112A

**Host Species:** Mouse

**Specificity:** This antibody recognizes human LIN28.

### APPLICATIONS

*Immunoblotting:* use at 1-5ug/ml under reducing conditions. A band of ~21kDa is detected.

*Immunofluorescence:* use at 0.2-1ug/ml.

These are recommended concentrations. Endusers should determine optimal concentrations for their applications.

### RECONSTITUTION INSTRUCTIONS

Dissolve the lyophilized antibody in 50ul of distilled water (final concentration 2.0mg/ml) for stock solution. Dilute the stock solution in 10mM PBS, pH 7.4 + 1.0% BSA immediately before use.

### STORAGE AND STABILITY

Store the stock solution at a minimum concentration of 2.0mg/ml. A lower concentration may result in decreased stability. Store stock solution at -20°C for at least one (1) year; avoid multiple freeze-thaw cycles. Add 0.1% sodium azide in order to store stock solution at 4°C. Diluted antibody should not be stored.

*For in vitro investigational use only. Not intended for therapeutic or diagnostic procedures.*