

## Monoclonal antibody against human CD147

Product Nos. ADG5090 and ADG5090L

### Description

Emmprin (extracellular matrix metalloproteinase inducer) (basigin, neurothelin, OX-47, 5A11, CE9, M6) also known as CD147 or TCSF (tumour cell-derived collagenase-stimulatory factor) is an ubiquitously expressed cell surface protein with multiple glycosylated forms. The highest level of CD147 expression is on metabolically active cells, such as lymphoblasts, inflammatory cells, brown adipocytes and malignant tumour cells. CD147 has multiple functions, including facilitating of cell surface expression of monocarboxylate transporter proteins and extracellular matrix metalloproteinases, regulation of integrin functions, it plays roles in cell development and activation, fetal development or retinal function.

### Properties

The monoclonal antibody ADG5090/L (clone IT10C5) is a murine monoclonal antibody, subclass IgG<sub>1</sub>. The antibody has been purified from hybridoma ascites using protein-A affinity chromatography, Purity > 95% (by SDS-PAGE).

The antibody recognizes human Emmprin.

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### Hinweis/Note:

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The datasheet is for information purposes only. The current datasheet will be enclosed with product shipment.

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### Presentation

Vial containing 100 µg /100 µl (ADG5090) or 300 µg/ 300 µl (ADG5090L) of purified antibody in PBS containing 0.09 % sodium azide (pH 7.2). The IgG concentration is 1 mg/ml. Spin the vial briefly before opening.

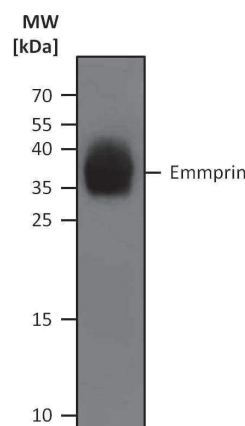
### Storage and Stability

Store at 4 °C. For long-term storage aliquot and store at -20°. It is recommended to avoid freeze-thaw cycles. The reagent is stable until the expiry date stated on the vial label.

### Applications

ELISA

Western Blotting (recommended concentration of 0.1 -10 µg/ml)



Western blot analysis of recombinant human Emmprin (1 µg) using the monoclonal antibody IT10C5