

anti-human Emmprin

monoclonal antibody IT10C5 to Emmprin (human)

Cat-No: 21451471

100 µg in 100 µl

Clone: IT10C5

Specificity: The monoclonal antibody IT10C5 recognizes human Emmprin in Western blot and ELISA.

Isotype: Mouse IgG

Form: Purified from hybridoma culture supernatant by Protein G affinity chromatography.

Purity: The purity is > 95 % as determined by SDS-PAGE.

Physical state: liquid

Buffer/Additives/Preservative: PBS containing 0.09 % sodium azide (pH 7.2).

Expiration date: The reagent is stable until the expiry date stated on the vial label.

Storage conditions: Store at -20 °C. Avoid freeze/thaw cycles.

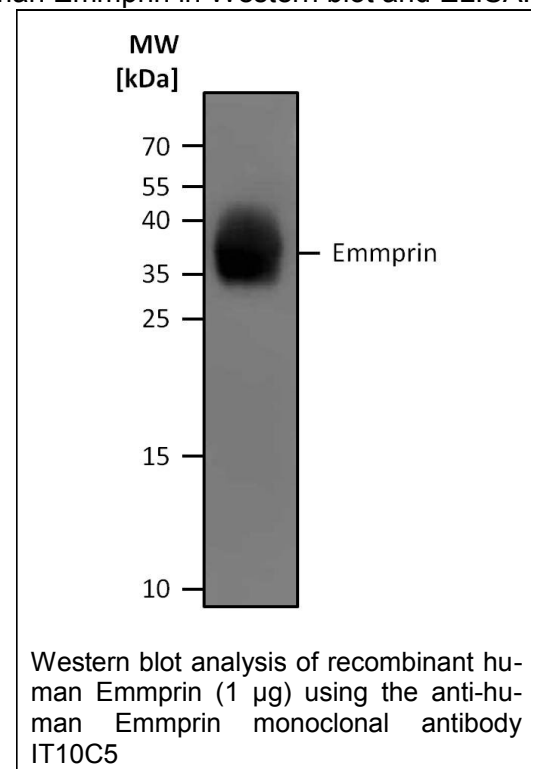
Application: Western blot, ELISA

Our lab uses the recommended concentration of 0.1 - 10 µg/ml for Western blot. But it is up to the user to determine the optimal concentration for Western blot and ELISA.

Background: 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.

Warning: Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink, and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for research only. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.



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