

DESCRIPTION

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| Species Reactivity | Human |
| Specificity | Detects human EMMPRIN/CD147 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant mouse EMMPRIN is observed. |
| Source | Monoclonal Mouse IgG _{2B} Clone # 109403 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | Mouse myeloma cell line NS0-derived recombinant human EMMPRIN/CD147 Ala22-His205 Accession # Q54A51 |
| Conjugate | Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 nm |
| Formulation | Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions. |

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

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| Knockout Validated | Optimal dilution of this antibody should be experimentally determined. |
| Western Blot | Optimal dilution of this antibody should be experimentally determined. |
| ELISA | Optimal dilution of this antibody should be experimentally determined. |

PREPARATION AND STORAGE

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| Shipping | The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below. |
| Stability & Storage | Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied |

BACKGROUND

EMMPRIIN, also known as basigin and CD147, is a type I membrane protein belonging to the immunoglobulin superfamily. It is a multifunctional protein involved in reproduction, neural function, inflammation and tumor invasion.

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