

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human MCEMP1 in direct ELISAs and Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human MCEMP1 Val106-Gln187 Accession # Q8IX19
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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.

CyTOF-ready	Optimal dilution of this antibody should be experimentally determined.
Western Blot	Optimal dilution of this antibody should be experimentally determined.
Flow Cytometry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

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

MCEMP1 (mast cell-expressed membrane protein 1; also C19orf59) is a 22 kDa mast cell specific protein expressed in lung. Human MCEMP1 is 187 amino acids (aa) in length. It is a type II transmembrane protein that contains an 85 aa N-terminal cytoplasmic region and an 81 aa C-terminal extracellular domain (aa 107-187). There is one potential splice variant that shows a 22 aa substitution for the C-terminal five amino acids. Over aa 106-187, human MCEMP1 shares only 52% aa identity with the presumed mouse MCEMP1 ortholog.

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