Human TACE/ADAM17 Cytosolic Domain Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 136133

Catalog Number: FAB21291G

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human TACE/ADAM17 Cytosolic Domain in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human ADAM33 is observed.
Source	Monoclonal Mouse IgG_1 Clone # 136133
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human TACE/ADAM17 Asp695-Cys824 Accession # P78536
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.*

	Recommended Concentration	Sample
Intracellular Staining by Flow Cytometry	0.25-1 µg/10^6 cells	HeLa human cervical epithelial carcinoma cell line fixed with Flow Cytometry Fixation Buffer (Catalog # FC004) and permeabilized with Flow Cytometry Permeabilization/Wash Buffer I (Catalog # FC005)

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

TACE (also known as ADAM17) is a type I membrane zinc protease of the ADAM family that functions as a major sheddase on the cell surface.

PRODUCT SPECIFIC NOTICES

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