ARG21221
anti-CD146 antibody [C264] (FITC)

Package: 100 µg
Store at: 4°C

Summary

Product Description	FITC-conjugated Mouse Monoclonal antibody [C264] recognizes CD146
Tested Reactivity	Chk, Turkey
Tested Application	FACS, ICC/IF
Specificity	Chicken/Turkey MCAM.
Host	Mouse
Clonality	Monoclonal
Clone	C264
Isotype	IgG2b, kappa
Target Name	CD146
Species	Chicken
Immunogen	Mixture of E15 and E16 thymocytes from H.B15, H.B19, and H.B21 chicken embryos
Conjugation	FITC
Alternate Names	Cell surface glycoprotein P1H12; Melanoma-associated antigen A32; Melanoma-associated antigen MUC18; Cell surface glycoprotein MUC18; Melanoma cell adhesion molecule; CD146; MUC18; CD antigen CD146; S-endo 1 endothelial-associated antigen

Application Instructions

Application table

Application	Dilution
FACS	< 1 µg/10^6 cells
ICC/IF	Assay-dependent

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Buffer	PBS and 0.1% Sodium azide.
Preservative	0.1% Sodium azide
Concentration	0.5 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	MCAM
Gene Full Name	melanoma cell adhesion molecule
Function	Plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissue. Its expression may allow melanoma cells to interact with cellular elements of the vascular system, thereby enhancing hematogeneous tumor spread. Could be an adhesion molecule active in neural crest cells during embryonic development. Acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2/FAK1, and a transient increase in the intracellular calcium concentration. [UniProt]
Calculated Mw	72 kDa