

ARG45038 anti-5-Formylcytosine (5-fC) antibody [RM477]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit monoclonal [RM477] recognizes 5-Formylcytosine (5-fC).
Tested Reactivity	Other
Tested Application	Dot, ELISA
Specificity	This antibody reacts to 5-Formylcytosines (5-fC) in DNA. No cross reactivity with non-modified cytosine and other modified cytosines in DNA.
Host	Rabbit
Clonality	Monoclonal
Clone	RM477
Isotype	IgG
Target Name	5-Formylcytosine (5-fC)
Immunogen	KLH-conjugated 5-Formylcytosines (5-fC)
Conjugation	Un-conjugated
Alternate Names	5-formylcytosine; 4425-59-6; 6-Amino-2-oxo-1,2-dihydropyrimidine-5-carbaldehyde; 6-amino-2-oxo-1H-pyrimidine-5-carbaldehyde; 5-Pyrimidinecarboxaldehyde, 4-amino-1,2-dihydro-2-oxo- (7CI,8CI,9CI); 5-Formyl-cytosine

Application Instructions

Application table	Application	Dilution
	Dot	0.5 µg/mL - 2 µg/mL
	ELISA	0.5 µg/mL - 2 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS with 50% Glycerol, 1% BSA and 0.09% sodium azide
Preservative	0.09% sodium azide
Stabilizer	50% Glycerol, 1% BSA and 0.09%
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.