Datasheet for ABIN933483

anti-CA 19-9 antibody

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Overview

Quantity:	1 mg
Target:	CA 19-9
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	ELISA, Immunoassay (IA)

Product Details

Immunogen:	CA 19-9 antibody was raised in mouse using purified CA 19-9 as the immunogen.
Clone:	M2012114
Isotype:	IgG1
Purification:	Protein G affinity chromatography

Target Details

Target:	CA 19-9
Alternative Name:	CA 19-9 (CA 19-9 Products)
Background:	Gastrointestinal tumor antigen is a large glycoprotein defined by a carbohydrate epitope, Ca19-9, located on a protein core mucin. It is referred to in the literature as sialylated Lewis A (Lea). It is over expressed by epithelial tumors of the gastro intestine including the stomach, small and large intestine, colon, pancreas and cervix. These mucins are largely carbohydrate, 80-90%. . Synonyms: Monoclonal CA 19-9 antibody, Anti-CA 19-9 antibody, Cancer Antigen 19-9 antibody.

Application Details

Application Notes:	Optimal conditions should be determined byt he investigator.
Comment:	This antibody can be used in solid phase coating paired with CA 19-9 antibody, Cat. No. 10-CA19B in a sandwich immunoassay.
Restrictions:	For Research Use only

Handling

Concentration:	Lot specific
Buffer:	PBS buffer, pH 7.4 with 0.1 % Na Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	DO NOT FREEZE. Dilute only prior to immediate use.
Storage:	4 °C

Publications

Product cited in:	Baryeh, Takalkar, Lund, Liu: "Development of quantitative immunochromatographic assay for rapid and sensitive detection of carbohydrate antigen 19-9 (CA 19-9) in human plasma." in: **Journal of pharmaceutical and biomedical analysis**, Vol. 146, pp. 285-291, (2018) (PubMed).