DATASHEET

Mucin/HIK1083 Mouse Monoclonal Antibody(ARA621)

CAT. NO. ARA6321

KEY FEATURES

Target:	Mucin/HIK1083	Clone ID:	ARA621
Source/Host:	Mouse	Reactivity:	Human
Clonality:	Monoclonal	Applications:	IHC
Storage:	4°C (lyophilized); -20°C or lower (long-term)		

BACKGROUND

Mucin is a heavily glycosylated protein that constitutes the major component of mucus. This antibody recognizes the peripheral α-linked GlcNAc residue present in the carbohydrate moiety of the mucin molecule and reacts with oligosaccharides bearing a peripheral α-GlcNAc structure. It recognizes gastric gland mucous cell-derived mucin, with reactivity similar to the paradoxical concanavalin A staining method, and is indicated as a useful tool for early diagnosis of mucinous minimal deviation adenocarcinoma of the uterus (adenoma malignum).

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:10-1:50

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Mouse monoclonal antibody to Mucin (HIK1083)
Specificity	Recognizes mucin bearing a peripheral α-GlcNAc structure; reactive with mammalian gastric gland mucous cells (cardiac gland cells, mucous neck cells and pyloric gland cells) and Brunner's gland cells
Antibody Type	Primary antibody
Immunogen	Rat gastric mucin
Epitope	Mucin-type oligosaccharides bearing a peripheral α-GlcNAc structure
Isotype	IgM, kappa
Form/Buffer	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

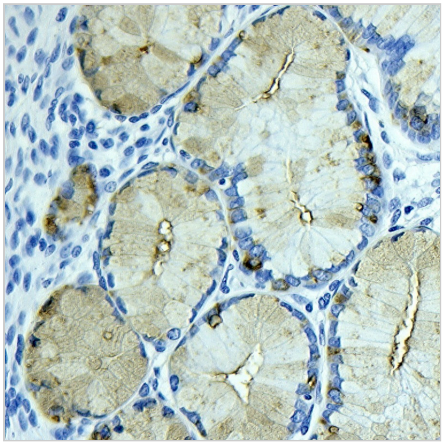
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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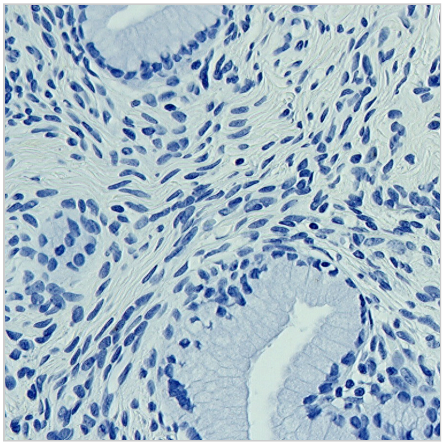
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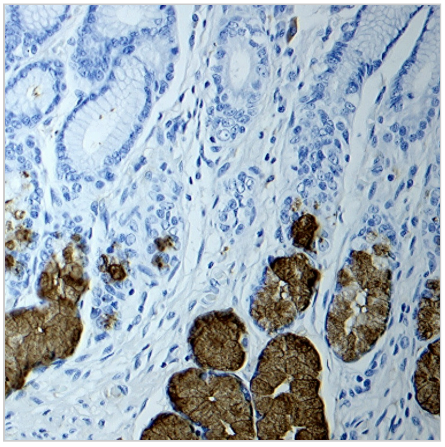
DATA



Immunohistochemical staining of adenoma malignum (mucinous minimal deviation adenocarcinoma of the uterus) using Mucin/HIK1083 Mouse Monoclonal Antibody(ARA621).



Immunohistochemical staining of normal cervical gland of uterus using Mucin/HIK1083 Mouse Monoclonal Antibody(ARA621).



Immunohistochemical staining of pyloric gland of stomach using Mucin/HIK1083 Mouse Monoclonal Antibody(ARA621).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com