

DATASHEET

COX-2 Rabbit Monoclonal Antibody (ARM970)

CAT. NO. ARM6760

KEY FEATURES

Target	COX-2	Clone ID	ARM970
Source / Host	Rabbit	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

COX-2, also known as Cyclooxygenase 2, catalyzes the conversion of arachidonic acid to prostaglandin H2. The inhibition of COX-2 using non-steroidal anti-inflammatory agents limits angiogenesis and tumour growth, and increases apoptosis. The overexpression of COX-2 is linked to increased microvascular density.

APPLICATION

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

Application	IHC
Dilution Ratio	1:100-1:200

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

PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG
Positive Control	Intestine Cancer, Colon Adenocarcinoma
Localization	Cytoplasmic
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	PTGS2
Entrez Gene ID	5743
Uniprot	P35354
Alternative Names	Cyclooxygenase-2, Prostaglandin G/H synthase 2

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

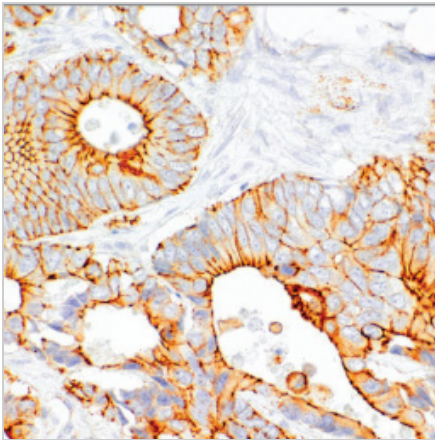
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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STORAGE

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

DATA

Immunohistochemical staining of human colon cancer tissue using COX-2 Rabbit Monoclonal Antibody (ARM970).

RESEARCH USE ONLY

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

More information: [www.arexbio.com / cox-2-mouse-monoclonal-antibody-arm970-arm6760](http://www.arexbio.com/cox-2-mouse-monoclonal-antibody-arm970-arm6760)