

Mouse anti-Human COX-2 Monoclonal Antibody | anti-COX-2 antibody

COX-2 (ABT-COX2) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320634	Mouse	Human	ELISA, Immunofluorescence, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

COX-2; Monoclonal Antibody; COX-2 (ABT-COX2) Antibody; Prostaglandin G/H synthase 2 (EC 1.14.99.1)(Cyclooxygenase-2)(COX-2)(PHS II)(Prostaglandin H2 synthase 2)(PGH synthase 2)(PGHS-2)(Prostaglandin-endoperoxide synthase 2); COX 2; COX2; Cyclooxygenase 2; Cyclooxygenase 2b; Cyclooxygenase; Cyclooxygenase-2; Cyclooxygenase2; EC1.14.99.1; fj02a10; Glucocorticoid-regulated inflammatorycyclooxygenase; Glucocorticoid-regulated inflammatory ProstaglandinG/H synthase; GRIPGHS; hCox 2; anti-COX-2 antibody

PRODUCT SPECIFICATIONS

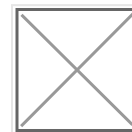
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b, kappa
Clone Number	ABT-COX2
Specificity	The antibody can specifically recognize human COX-2 protein. In western blotting of Hela and A549 cell lysates, the antibody can label a 70 kDa band corresponding to COX-2.
Purity/Purification	Protein G
Form/Format	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Applicable Applications for anti-COX-2 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot), IHC (Immunohistochemistry)
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

Human colon carcinoma tissue was stained with Anti-COX-2 (ABT-COX2) Antibody



SDS-PAGE

Whole cell lysates of Hela were separated by 10% SDS-PAGE, and the membrane was blotted with anti-COX-2 antibody. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody.



SDS-PAGE

Various whole cell lysates were separated by 8% SDS-PAGE, and the membrane was blotted with anti-COX-2. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-COX-2 antibody	Primary Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506265
NCBI GeneID	5743
NCBI Accession #	NP_000954.1
NCBI GenBank Nucleotide #	NM_000963.2
UniProt Accession #	P35354; Q16876; A8K802
Molecular Weight	68,996 Da
NCBI Official Full Name	prostaglandin G/H synthase 2
NCBI Official Synonym Full Names	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
NCBI Official Symbol	PTGS2
NCBI Official Synonym Symbols	COX2; COX-2; PHS-2; PGG/HS; PGHS-2; hCox-2; GRIPGHS
NCBI Protein Information	prostaglandin G/H synthase 2; PHS II; PGH synthase 2; cyclooxygenase 2b; prostaglandin H2 synthase 2
UniProt Protein Name	Prostaglandin G/H synthase 2
UniProt Gene Name	PTGS2
UniProt Synonym Gene Names	COX2; COX-2; PGH synthase 2; PGHS-2
UniProt Entry Name	PGH2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cox-2-antibody-clone-abt-cox2-immunofluorescence-western-blot-immunohistochemistry-elisa/320634>