

Mouse Pygopus 2/Pygo 2 Monoclonal Antibody | anti-Pygo2 antibody

Pygopus 2/Pygo 2 (BSB-156)

CATALOG # AAA59388	HOST Mouse	REACTIVITY Human, Mouse, Rat
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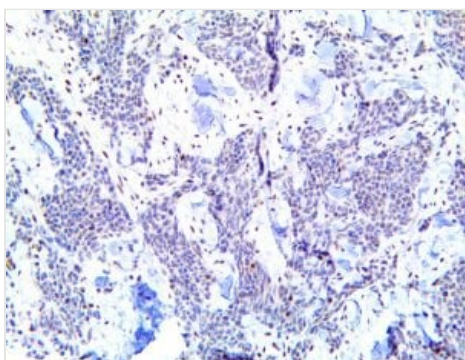
PRODUCT SYNONYMS

Pygopus 2/Pygo 2; Monoclonal Antibody; Pygopus 2/Pygo 2 (BSB-156); pygopus 2; pygo2; anti-pygopus 2; pygopus-2; anti-pygo2; anti-pygo 2; pygo 2; anti pygo-2; pygo-2; anti-Pygo2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	BSB-156
Form/Format	Paraffin, Frozen Pygopus 2 is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH7.5, containing BSA and sodium azide as a preservative.
Immunogen	Synthetic peptide corresponding to the internal region of the human
Control	Fallopian Tube, Adrenal Gland, Kidney, Transitional Cell Carcinoma, Lung Adenocarcinoma, Lung Neuroendocrine Cancer, Papillary Thyroid Carcinoma
Localization	Cytoplasmic, Membranous, Nuclear
Preparation and Storage	Store at 2-8 degree C (Control Slides: Store at 20-25 degree C)

IMAGES



IHC (Immunohistochemistry)

Pygopus 2 Antibody Immunohistochemistry on an FFPE Lung Neuroendocrine Tumor Tissue

Antibody Type	Dilution	Volume/Qty
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:50-1:200	0.1 ml
Concentrated	1:50-1:200	0.5 ml
Concentrated	1:50-1:200	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-Pygo2 antibody	Pygopus Family PHD Finger 2 (PYGO2) is a protein-coding gene associated with G-protein coupled receptor (GPCR) and Wnt signaling pathways, chromatin binding and histone acetyltransferase regulator activity. Pygo2 as a Wnt signaling pathway component has been detected in multiple cancer types. One study found that abnormal Pygopus 2 antibody expression was associated with poor differentiation and a high tumor, node, and metastases stage and poor prognosis in non-small cell lung cancer (NSCLC) patients, therefore abnormal Pygo2 qntibody expression may be a marker for advanced NSCLC. Another study found that 59% of the patient tumor specimens exhibited positive Pygopus 2 antibody immunohistochemistry staining and increased intensity with the grade of malignancy, especially for WHO grade III and IV. High-level expression has been reported in gliomas compared with normal brain tissues, which suggest an important role of Pygo2 in brain tumor progression. In a Colorectal Cancer study, the expression pattern of Pygo2 was evaluated by immunohistochemistry in tumor tissues and their normal margins, and found the expression of pygopus 2 antibody was detected in all tumor tissues. Furthermore, this expression was significantly higher in Colorectal Cancer samples than in normal tissues, and a significant association was found between Pygo2 protein expression in Colorectal Cancer and tumor cell metastasis to the lymph nodes. Pygo2 is also associated with Oligospermia.
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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://www.aaabiotech.com/monoclonal/pygopus-2-pygo-2-antibody-clone-bsb-156-elisa/59388>