

## Product Datasheet

### ALK5 Mouse Monoclonal Antibody (orb705396)

<b>Catalog Number</b>	orb705396
<b>Category</b>	Antibodies
<b>Description</b>	The ALK5 Antibody is suitable for IHC. It is a Monoclonal, Unconjugated antibody which raised against KLH-conjugated synthetic peptide encompassing a sequence within human ALK5. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
<b>Target</b>	TGFBR1
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Liquid
<b>Buffer/Preservatives</b>	PBS containing 50% glycerol, 0.2% rAlbumin and 0.01% sodium azide.
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.
<b>Immunogen</b>	KLH-conjugated synthetic peptide encompassing a sequence within human ALK5. The exact sequence is proprietary.
<b>UniProt ID</b>	<b>P36897</b>
<b>Tested applications</b>	IHC
<b>Dilution range</b>	IHC-P: 1:100-1:300

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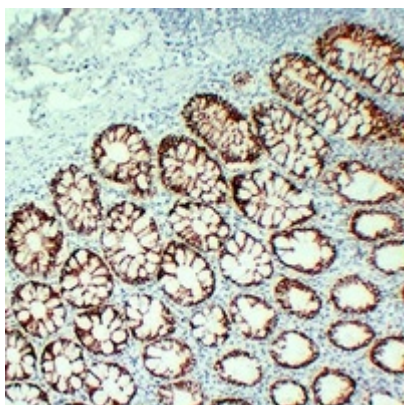
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<b>Specificity</b>	Recognizes endogenous levels of ALK5 protein.
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Entrez</b>	<b>7046</b>
<b>Expiration Date</b>	12 months from date of receipt.



Immunohistochemical analysis of ALK5 staining in human colon formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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