Elabscience®

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IL24 Polyclonal Antibody

Catalog No.	E-AB-17913		**Reactivity**	H
Storage	Store at -20℃. Avoid freeze / thaw cycles.		**Host**	Rabbit
Applications	IHC,ELISA		**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images
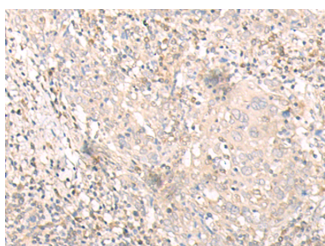
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using IL24 Polyclonal Antibody at dilution of 1:30(×200)
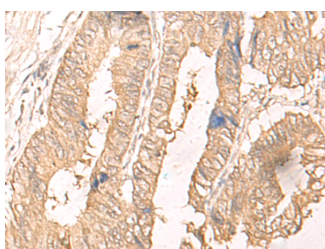
Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using IL24 Polyclonal Antibody at dilution of 1:30(×200)

Immunogen Information

Immunogen	Synthetic peptide of human IL24
Gene Accession	NP006841
Swissprot	Q13007
Synonyms	C49A,FISP,IL 24,IL-24,IL10B,MDA-7,MDA7,Suppression of tumorigenicity 16 protein

Product Information

Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	IHC 1:30-1:150, ELISA 1:5000-1:10000

Background

This gene encodes a member of the IL10 family of cytokines. It was identified as a gene induced during terminal differentiation in melanoma cells. The protein encoded by this gene can induce apoptosis selectively in various cancer cells. Overexpression of this gene leads to elevated expression of several GADD family genes, which correlates with the induction of apoptosis. The phosphorylation of mitogen-activated protein kinase 14 (MAPK7/P38), and heat shock 27kDa protein 1 (HSPB2/HSP27) are found to be induced by this gene in melanoma cells, but not in normal immortal melanocytes. Alternatively spliced transcript variants encoding distinct isoforms have been reported.IL24 (Interleukin 24) is a Protein Coding gene. Diseases associated with IL24 include Melanoma and Subclavian Steal Syndrome. Among its related pathways are PEDF Induced Signaling and Immune response IL-23 signaling pathway. GO annotations related to this gene include cytokine activity. An important paralog of this gene is IL20.