Anti-SLFN5 antibody

Cat. No.	ml124868
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-SLFN5 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human SLFN5
Reactivity	Human
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	SLFN5
Full name	schlafen family member 5
Synonyms	
Swissprot	Q08AF3

Target Background

Slfn5 (schlafen family member 5) is an 891 amino acid protein that exists as multiple alternatively spliced isoforms and is thought to play a role in hematopoeitic cell differentiation. The gene encoding Slfn5 maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, though specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes.
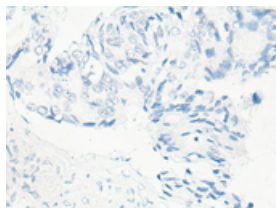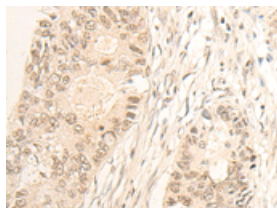
Applications

Immunohistochemistry

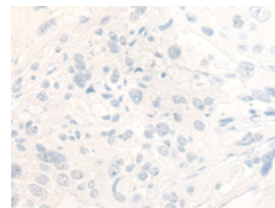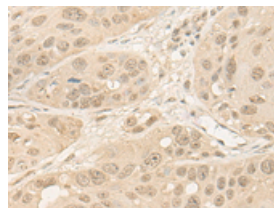|	
Predicted cell location: Nucleus	Predicted cell location: Nucleus
Positive control: Human colorectal cancer	Positive control: Human esophagus cancer
Recommended dilution: 25-100	Recommended dilution: 25-100

The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ml124868(SLFN5 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: ×200)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml124868(SLFN5 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: ×200)

ELISA

Recommended dilution: 5000-10000

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