

小鼠抗 METTL16 单克隆抗体

中文名称: 小鼠抗 METTL16 单克隆抗体

英文名称: Anti-METTL16 mouse monoclonal antibody

别名: METT10D

储存: 冷冻 (-20℃) 避光

抗原: METTL16

宿主: Mouse

反应种属: Human, Monkey

相关类别: 一抗

标记物: Unconjugate

克隆类型: mouse monoclonal

技术规格

Background:

METT10D (methyltransferase 10 domain containing), also known as METTL16 (methyltransferase-like protein 16) is a 562 amino acid protein that belongs to the METTL16/rlmF family and methyltransferase superfamily. A putative methyltransferase, METT10D exists as two alternatively spliced isoforms and undergoes phosphorylation in response to DNA damage, most likely by Atm or ATR. The gene encoding METT10D 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. 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, and is linked to predisposition of cancers of the ovary, colon, prostate gland and fallopian tubes.
Applications:	WB, IHC, IF
Name of antibody:	METTL16
Immunogen:	Fusion protein of human METTL16
Full name:	methyltransferase like 16 (METTL16)
Synonyms:	METT10D
SwissProt:	Q86W50
IHC positive control:	adenocarcinoma of human colon tissue and human pancreas tissue; carcinoma of human prostate tissue and carcinoma of human bladder tissue
IHC Recommend dilution:	30-150
WB Predicted band size:	64 kDa
WB Positive control:	HepG2, Hela, A549, COS7, Jurkat, MCF-7 cell lysates
WB Recommended dilution:	500-2000