

ARG44219 anti-L3MBTL3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes L3MBTL3
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	L3MBTL3
Species	Human
Immunogen	Recombinant protein of Human L3MBTL3
Conjugation	Un-conjugated
Alternate Names	L3MBTL3; L3MBTL Histone Methyl-Lysine Binding Protein 3; KIAA1798; L3MBTL3, Histone Methyl-Lysine Binding Protein; Lethal(3)Malignant Brain Tumor-Like Protein 3; H-L(3)Mbt-Like Protein 3; L3mbt-Like 3; MBT-1; MBT1; L(3)Mbt-Like 3 (Drosophila); L(3)Mbt-Like Protein 3; L(3)Mbt-Like 3

Application Instructions

Application table	Application	Dilution
	FACS	1-3 µg/1x10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.1-0.25 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

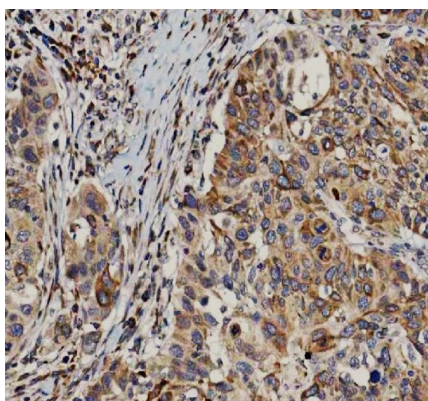
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

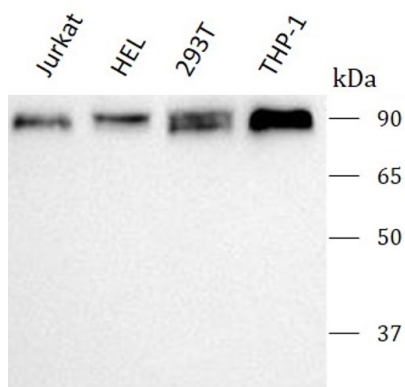
Gene Symbol	L3MBTL3
Gene Full Name	L3Mbt1 Histone Methyl-Lysine Binding Protein 3
Background	This gene encodes a member of the malignant brain tumor (MBT) family of chromatin interacting transcriptional repressors. Members of this family function as methyl-lysine readers, which recognize methylated lysine residues on histone protein tails, and are associated with the repression of gene expression. The encoded protein may regulate hematopoiesis. Homozygous deletion of this gene has been observed in human patients with medulloblastoma.
Function	Is a negative regulator of Notch target genes expression, required for RBPJ-mediated transcriptional repression.
Calculated Mw	88 kDa
PTM	Isopeptide bond, Phosphoprotein, Ubl conjugation
Cellular Localization	Nucleus

Images



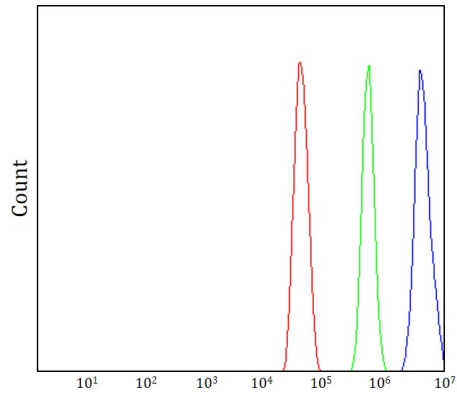
ARG44219 anti-L3MBTL3 antibody IHC-P image

Immunohistochemistry: Human bladder urothelial carcinoma stained with ARG44219 anti-L3MBTL3 antibody at 2 µg/mL dilution.



ARG44219 anti-L3MBTL3 antibody WB image

Western blot: Jurkat, HEL, 293T and THP-1 stained with ARG44219 anti-L3MBTL3 antibody at 0.25 µg/mL dilution.



ARG44219 anti-L3MBTL3 antibody FACS image

Flow Cytometry: U251 stained with ARG44219 anti-L3MBTL3 antibody at 1 µg/1x10⁶ cells dilution.