http://www.transgenic.co.jp
Technical Support: techstaff@transgenic.co.jp

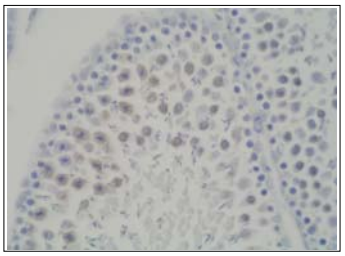
KC570 For research use only

Anti Human DDX39 Monoclonal Antibody

Clone No. 2E4

This product is generated from GANP® mice.

Code No.	KC570
Terget	DDX39
Category	Cancer
Gene ID	10212
Primary Source	HGNC:17821
Synonyms	BAT1; DDXL; BAT1L; URH49; MGC8417; MGC18203; DDX39
Type	Monoclonal Antibody
Immunogen	Partial peptide of Human DDX39 (N-terminal)
Raised in	GANP® mouse
Myeloma	P3U1
Clone number	2E4
Purification	ProteinG
Source	Serum-free medium
Isotype	IgG1,κ
Cross Reactivity	Rat
Label	Unlabeled
Concentration	0.25 mg/mL
Contents（Volume）	50 μg（200 μL/vial)
Buffer	PBS [containing 2% Block Ace as a stabilizer, 0.1% Proclin as a bacteriostat]
Storage	Store at - 20℃ long term, store at 4℃ short term. Avoid repeated freeze-thaw cycles.
Application	ELISA,IHC



[IHC] Rat testis tissue

ELISA	WB	IHC	ICC
1.0	Not tested	3.0	Not tested
IP	FCM	IF	Neutralization
Not tested	Not tested	Not tested	Not tested

(μg/mL)

Reference

1. Pryor A., et al. "Growth-regulated expression and G0-specific turnover of the mRNA that encodes URH49, a mammalian DExH/D box protein that is highly related to the mRNA export protein UAP56." Nucleic Acids Res. 32:1857-1865(2004)
2. Ota T., et al. "Complete sequencing and characterization of 21,243 full-length human cDNAs." Nat. Genet. 36:40-45(2004)
3. Sugiura T., et al. "Intracellular characterization of DDX39, a novel growth-associated RNA helicase." Exp. Cell Res. 313:782-790(2007)

UniPlot Summary

//Function: Involved in pre-mRNA splicing. Required for the export of mRNA out of the nucleus.
//Subcellular location: Nucleus.
//Tissue specificity: Detected in testis, and at lower levels in brain, kidney, lung, thymus, spleen and salivary gland.
//Sequence similarities: Belongs to the DEAD box helicase family. DECD subfamily. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain.