



**KAL-KC570**

For research use only

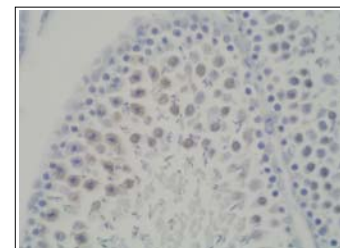
# Anti Human DDX39 Monoclonal Antibody

**Clone No. 2E4**

This product is generated from GANP® mice.



**Code No.** KC570  
**Target** 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)



[IHC] Rat testis tissue

**Raised in** GANP® mouse  
**Myeloma** P3U1  
**Clone number** 2E4  
**Purification** ProteinG  
**Source** Serum-free medium  
**Isotype** IgG1, $\kappa$   
**Cross Reactivity** Rat  
**Label** Unlabeled  
**Concentration** 0.25 mg/mL  
**Contents (Volume)** 50  $\mu$ g (200  $\mu$ L/vial)  
**Buffer** PBS [containing 2% Block Ace as a stabilizer, 0.1% Proclin as a bacteriostat]  
**Storage** Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

**Application** ELISA, IHC

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

( $\mu$ g/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)

## UniProt 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.

Manufactured by TransGenic Inc.



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