

For Research Use Only

RNF2 Monoclonal antibody, PBS Only

Catalog Number: 61023-2-PBS



Basic Information

Catalog Number: 61023-2-PBS	GenBank Accession Number: BC012583	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6045	CloneNo.: 3D3B9
Source: Mouse	UNIPROT ID: Q99496	
Isotype: IgG1	Full Name: ring finger protein 2	
Immunogen Catalog Number: AG9129	Calculated MW: 336 aa, 38 kDa	
	Observed MW: 38 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

RNF2 (also known as ding, Ring1B or Ring2) is a member of the Ring finger protein family, which functions as E3 ubiquitin ligase for monoubiquitination of histone H2A at lysine 119 (H2AK119ub). Many studies have demonstrated that overexpressed RNF2 was involved in the pathological progression of multiple cancers and has an impact on their clinical features. For instance, the upregulated expression level of RNF2 is positively correlated with the occurrence and progression of hepatocellular carcinoma, melanoma, prostate cancer, breast cancer, pancreatic cancer, gastric cancer, and bladder urothelial carcinoma, as well as with the radioresistance of lung cancer and chemoresistance of ovarian cancer (PMID: 33400276). The molecular weight of RNF2 is 38 kDa.

Storage

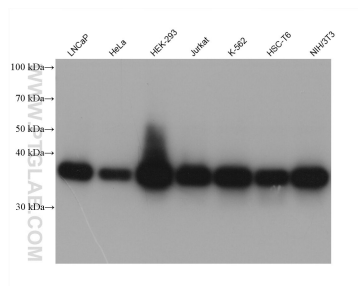
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 61023-2-Ig (RNF2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 61023-2-PBS in a different storage buffer formulation.