

For Research Use Only

E2F7 Recombinant antibody, PBS Only



Catalog Number: 82887-1-PBS

Basic Information

Catalog Number: 82887-1-PBS	GenBank Accession Number: BC136366	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 144455	CloneNo.: 230073C2
Source: Rabbit	UNIPROT ID: Q96AV8	
Isotype: IgG	Full Name: E2F transcription factor 7	
Immunogen Catalog Number: AG21599	Calculated MW: 911 aa, 100 kDa	

Applications

Tested Applications:
Indirect ELISA, IF/ICC

Species Specificity:
human

Background Information

E2F7 also named as E2F transcription factor 7 is a 911 amino acid protein, which belongs to the E2F/DP family. E2F7 localizes in the nucleus and mainly forms homodimers and, to a lesser extent, heterodimers with E2F8. E2F7 as a transcription factor involves in various processes such as angiogenesis, polyploidization of specialized cells and DNA damage response. E2F7 mainly forms homodimers and to a lesser extent, heterodimers with E2F8. (PMID: 18194653)

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

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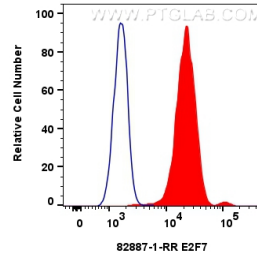
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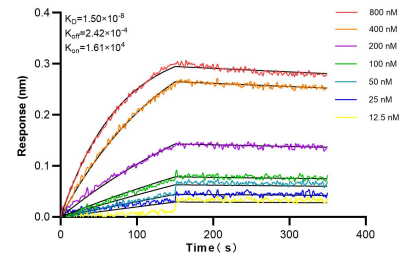
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using E2F7 antibody (82887-1-RR, Clone: 230073C2) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 594-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR004). (CL488-Phalloidin, green). This data was developed using the same antibody clone with 82887-1-PBS in a different storage buffer formulation.



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug E2F7 Recombinant antibody (82887-1-RR, Clone:230073C2) and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 82887-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82887-1-RR against Human E2F7 were performed. The affinity constant is 15 nM.