

E2F7 Recombinant antibody

Catalog Number: 82887-1-RR

Basic Information

Catalog Number: 82887-1-RR	GenBank Accession Number: BC136366	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 144455	CloneNo.: 230073C2
Source: Rabbit	UNIPROT ID: Q96AV8	Recommended Dilutions: IF/ICC 1:500-1:2000
Isotype: IgG	Full Name: E2F transcription factor 7	
Immunogen Catalog Number: AG21599	Calculated MW: 911 aa, 100 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra), ELISA	Positive Controls: IF/ICC : HeLa cells,
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

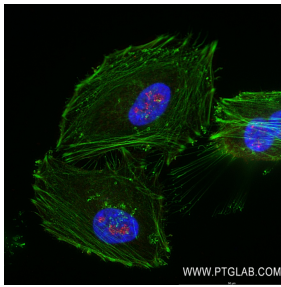
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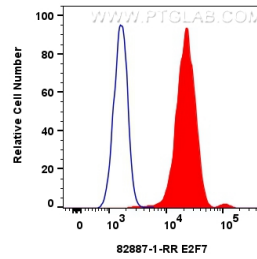
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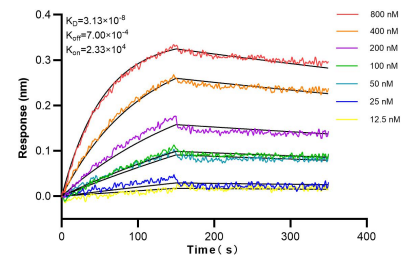
Selected Validation Data



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).



1×10^6 HeLa cells were intracellularly stained with 0.25 μg 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 μg Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 82887-1-RR against Human E2F7 were performed. The affinity constant is 31.3 nM.