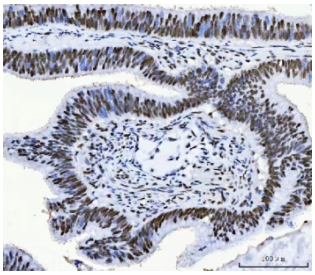
CFIm68 Antibody / CPSF6 [clone 3F11E1] (RQ7345)

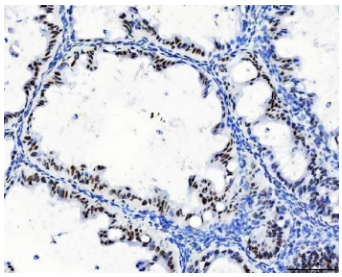
Catalog No.	Formulation	Size
RQ7345	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

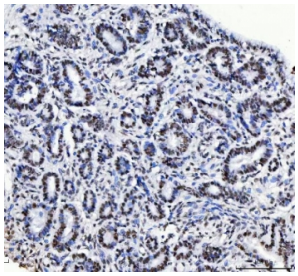
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat, Monkey
Format	Antigen affinity purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	3F11E1
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q16630
Localization	Cytoplasmic, nuclear
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This CFIm68 antibody is available for research use only.



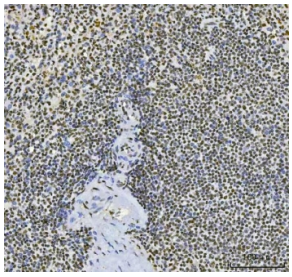
IHC staining of FFPE human colorectal adenocarcinoma tissue with CFIm68 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



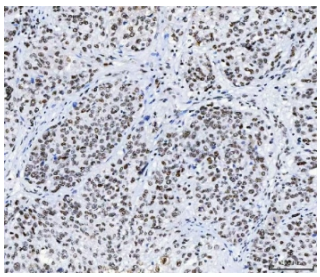
IHC staining of FFPE human ovarian cancer tissue with CFIm68 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



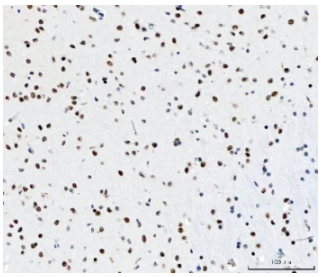
IHC staining of FFPE human cervical cancer tissue with CFIm68 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



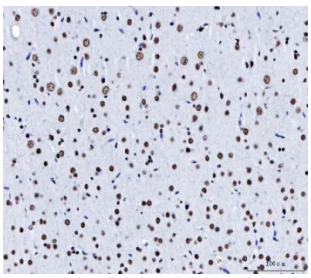
IHC staining of FFPE human spleen tissue with CFIm68 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



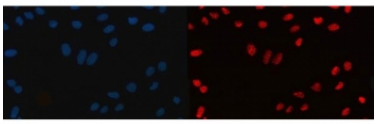
IHC staining of FFPE human squamous cell carcinoma tissue with CFIm68 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



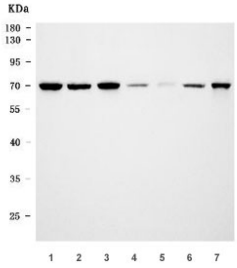
IHC staining of FFPE mouse brain tissue with CFIm68 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



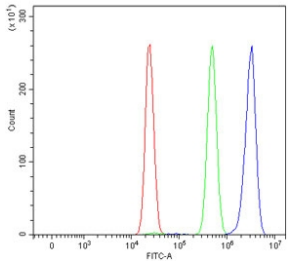
IHC staining of FFPE rat brain tissue with CFIm68 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human U-2 OS cells with CFIm68 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human HeLa, 2) human 293T, 3) monkey COS-7, 4) rat brain, 5) rat thymus, 6) mouse brain and 7) mouse thymus tissue lysate with CFIm68 antibody. Predicted molecular weight: 52-63 kDa (multiple isoforms).



Flow cytometry testing of human HepG2 cells with CFIm68 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CFIm68 antibody.

Description

Cleavage and polyadenylation specificity factor subunit 6, also called Cleavage factor Im complex 68 kDa subunit (CFIm68), is a protein that in humans is encoded by the CPSF6 gene. The protein encoded by this gene is one subunit of a cleavage factor required for 3' RNA cleavage and polyadenylation processing. The interaction of the protein with the RNA is one of the earliest steps in the assembly of the 3' end processing complex and facilitates the recruitment of other processing factors. The cleavage factor complex is composed of four polypeptides. This gene encodes the 68kD subunit. It has a domain organization reminiscent of spliceosomal proteins.

Application Notes

Optimal dilution of the CFIm68 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids R50-Q176) was used as the immunogen for the CFIm68 antibody.

Storage

After reconstitution, the CFIm68 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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