

# EWSR1 Rabbit pAb

**Catalog No.: A13978**

## Basic Information

### Observed MW

### Calculated MW

68kDa

### Category

Primary antibody

### Applications

ELISA,IF/ICC

### Cross-Reactivity

Human

## Background

This gene encodes a multifunctional protein that is involved in various cellular processes, including gene expression, cell signaling, and RNA processing and transport. The protein includes an N-terminal transcriptional activation domain and a C-terminal RNA-binding domain. Chromosomal translocations between this gene and various genes encoding transcription factors result in the production of chimeric proteins that are involved in tumorigenesis. These chimeric proteins usually consist of the N-terminal transcriptional activation domain of this protein fused to the C-terminal DNA-binding domain of the transcription factor protein. Mutations in this gene, specifically a t(11;22)(q24;q12) translocation, are known to cause Ewing sarcoma as well as neuroectodermal and various other tumors. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 1 and 14.

## Recommended Dilutions

IF/ICC 1:50 - 1:100

## Immunogen Information

### Gene ID

2130

### Swiss Prot

Q01844

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human EWSR1 (NP\_001156757.1).

### Synonyms

EWS; EWS-FLI1; bK984G1.4; EWSR1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

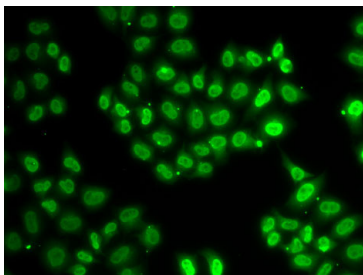
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Immunofluorescence analysis of U2OS cells using EWSR1 antibody (A13978).