

A13978

Leader in Biomolecular Solutions for Life Science



EWSR1 Rabbit pAb

Catalog No.: A13978

Basic Information

Observed MW

Calculated MW

68kDa

Category

Mouse Monoclonal Antibody

Applications

IF/ICC,ELISA

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



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

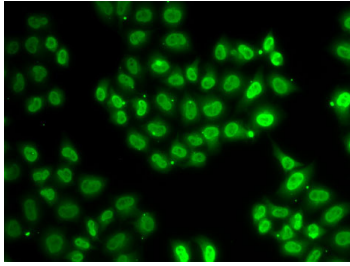
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



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