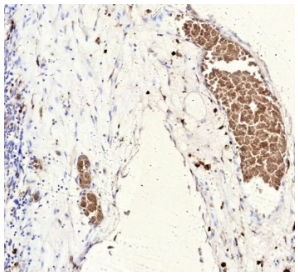
FLI1 Antibody / Ewing Sarcoma Marker [clone rFLI1/9614] (V5577)

Catalog No.	Formulation	Size
V5577-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5577-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5577SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

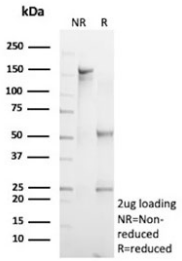
Recombinant MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG2b, kappa
Clone Name	rFLI1/9614
Purity	Protein A/G affinity
UniProt	Q01543
Localization	Nucleus
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This FLI1 Antibody / Ewing Sarcoma Marker is available for research use only.



FLI1 Antibody Ewing Sarcoma IHC. Immunohistochemistry analysis of FFPE human Ewing sarcoma tissue stained with FLI1 Antibody / Ewing Sarcoma Marker (clone rFLI1/9614). Strong nuclear HRP-DAB brown staining is observed within malignant tumor cell populations, consistent with the expected nuclear localization of Friend leukemia integration 1 / FLI1 in EWSR1-FLI1-associated oncogenic transcriptional signaling pathways. Sections underwent HIER using 10mM Tris with 1mM EDTA buffer, pH 9, prior to immunostaining.



SDS-PAGE analysis of purified, BSA-free recombinant FLI1 antibody (clone rFLI1/9614) as confirmation of integrity and purity.

Description

Friend leukemia integration 1 (FLI1) is a nuclear ETS family transcription factor involved in developmental gene expression, hematopoietic differentiation, and oncogenic transcriptional signaling pathways. FLI1 Antibody / Ewing Sarcoma Marker is suitable for investigations involving Ewing sarcoma biology, EWSR1-FLI1-associated transcriptional regulation, and sarcoma-associated nuclear signaling pathways. FLI1 functions as a DNA-binding transcription factor that regulates lineage-associated developmental programs and oncogenic transcriptional networks.

FLI1 antibody, also referred to as Friend leukemia integration 1 antibody, Ewing sarcoma marker antibody, ETS family transcription factor antibody, and EWS-FLI1 associated marker antibody in the literature, recognizes a nuclear regulatory protein strongly associated with Ewing sarcoma family tumors. Chromosomal translocations involving EWSR1 and FLI1 generate oncogenic fusion proteins that alter transcriptional regulation and contribute to tumor-associated signaling pathways. Because EWSR1-FLI1 fusion events are characteristic molecular features of many Ewing sarcoma tumors, FLI1 remains widely used in sarcoma pathology and oncogenic transcription research.

FLI1 additionally participates in hematopoietic and endothelial differentiation pathways and is normally expressed within selected vascular and immune-associated cell populations. However, in oncology research and diagnostic pathology, FLI1 is particularly recognized for its role in Ewing sarcoma-associated transcriptional biology and nuclear tumor marker applications. ETS family transcription factors such as FLI1 regulate broad developmental and proliferation-associated gene expression programs that can become dysregulated in malignancy-associated signaling environments.

Immunohistochemistry analysis supports detection of nuclear FLI1 expression within Ewing sarcoma-associated tumor samples, consistent with the expected localization of this ETS family transcription-associated regulatory protein. Clone rFLI1/9614 recombinant rabbit monoclonal antibody can support investigations involving sarcoma pathology, oncogenic transcriptional regulation, EWS-FLI1-associated signaling pathways, and tumor-associated developmental gene expression programs.

Explore our FLI1 Antibody / ETS Transcription Factor Marker page for additional validation data and research applications involving Ewing sarcoma biology, hematopoietic differentiation, endothelial signaling, and ETS family transcriptional regulation pathways.

Application Notes

Optimal dilution of the FLI1 Antibody / Ewing Sarcoma Marker should be determined by the researcher.

Immunogen

A recombinant fragment (within amino acids 200-400) of human FLI1 protein was used as the immunogen for the recombinant FLI1 antibody.

Storage

Aliquot the recombinant FLI1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Alternate Names

FLI1 antibody, Friend leukemia integration 1 antibody, Ewing sarcoma marker antibody, ETS family transcription factor antibody, EWS-FLI1 associated marker antibody

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