

Rabbit anti-STAT6, clone EP325 (Monoclonal)

Clone no. EP325

MONOSAN

Product name	Rabbit anti-STAT6, clone EP325 (Monoclonal)
Host	Rabbit
Applications	IHC-P (1:25-1:100)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG
Clonality	Monoclonal
Clone number	EP325
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

STAT6, a member of the signal transducers and activators of transcription (STAT) family, has been found to form recurrent fusions with NAB2 on chromosome 12q13 in the majority of solitary fibrous tumors.¹⁻³ Inactivated STAT6 can be found in the form of a dimer located in the cytoplasm. STAT6 and NAB2 fusion enables cytosolic STAT6 to migrate to the nucleus and thus allowing for detection in immunohistochemical assays. NAB2-STAT6 fusion transcriptions have been reported in the majority of solitary fibrous tumors but not in meningiomas, hemangioblastomas, schwannomas, and hemangiomas. This makes STAT6 a useful marker in distinguishing solitary fibrous tumors from other morphologically similar tumors.

References

1. Cheah AL, et al. Pathology. 2014; 46:389-95
2. Schweizer L, et al. Acta Neuropathol. 2013; 125:651-58
3. Koelsche C, et al. Histopathology. 2014; 65:613-22
4. -
5. -

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