Product datasheet MONX11120

Mouse anti-Folate Receptor Alpha (monoclonal)

Clone no. BN3.2

MONXtra

Product name	Mouse anti-Folate Receptor Alpha (monoclonal)
Host	Mouse
Applications	IHC-P (1:100)
Species reactivity	human
Conjugate	-
Immunogen	Prokaryotic recombinant protein corresponding to 189 amino acids of the external domain of the folate receptor alpha molecule.
Isotype	IgG1
Clonality	Monoclonal
Clone number	BN3.2
Size	1 ml
Concentration	Greater than or equal to 67 mg/L
Format	-
Storage buffer	Tissue culture supernatant with 15mM 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

Folate is a basic component of cell metabolism and DNA synthesis and repair. It is involved in essential one-carbon transfer reactions and is a vitamin required by both normal and tumor cells. Folate entry into cells is facilitated via two different systems: the reduced folate carrier, which utilizes a bidirectional anion-exchange mechanism, and the folate receptor system. Folate receptor alpha is a membrane-bound member of the folate receptor family, facilitating folate transport via a mechanism termed potocytosis where the receptor is internalized and then recycled back to the cell membrane. Folate receptor alpha expression is reported to be highly restricted in normal tissues and only selectively overexpressed in a limited number of epithelial malignancies.

References

1. Smith AE et al. Hybridoma. 2007; 26(5):281–288
2. Kelemen L. International Journal of Cancer. 2006; 119:243–250
3. -
4. -
5. -

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