

Product datasheet for **TA355298**

Folate Binding Protein (FOLR1) Mouse Monoclonal Antibody [Clone ID: BN3.2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BN3.2
Applications:	IHC
Recommended Dilution:	1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Prokaryotic recombinant protein corresponding to 189 amino acids of the external domain of the folate receptor alpha molecule
Specificity:	Human folate receptor alpha
Formulation:	Liquid tissue culture supernatant containing 15 mM sodium azide as a preservative
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	folate receptor 1 (adult)
Database Link:	Entrez Gene 2348 Human P15328



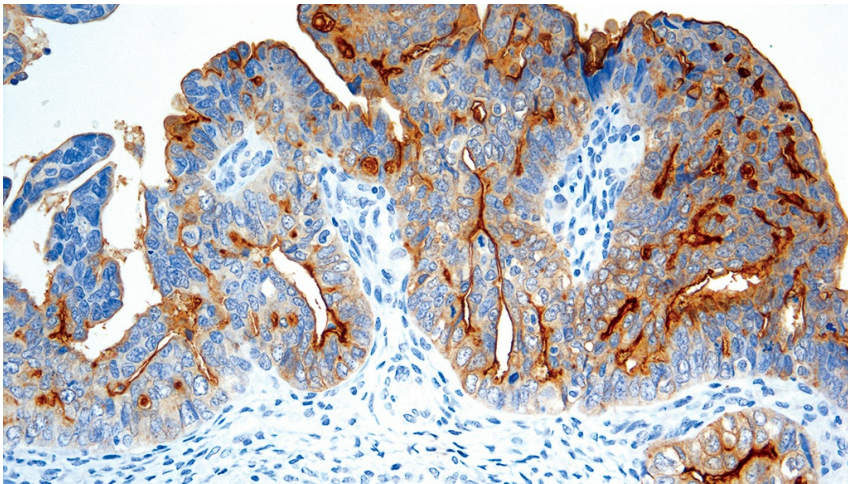
[View online »](#)

Background:

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. Staining patterns are both membranous and cytoplasmic due to this mechanism. Members of the folate receptor family share highly conserved sequences in the open reading frames, but differ in amino acids in the 5' untranslated regions and as a consequence can differ in function and tissue expression. Folate receptor alpha expression is reported to be highly restricted in normal tissues and only selectively overexpressed in a limited number of epithelial malignancies.

Synonyms:

FBP; FOLR; FR-alpha

Product images:

Ovarian tumor: immunohistochemical staining for Folate Receptor Alpha. Folate Receptor Alpha: clone BN3.2