Product datasheet

**Anti-Folate Binding Protein/FBP antibody [LK26]**

**ab3361**

1 Abreviews 15 References 1 Image

**Overview**

**Product name**

Anti-Folate Binding Protein/FBP antibody [LK26]

**Description**

Mouse monoclonal [LK26] to Folate Binding Protein/FBP

**Host species**

Mouse

**Tested applications**

Suitable for: IHC-Fr

**Species reactivity**

Reacts with: Human

**Immunogen**

Tissue, cells or virus. This information is proprietary to Abcam and/or its suppliers.

**Positive control**

Frozen Placenta or Ovarian Carcinoma (Negative control: Mouse serum or IgG1 isotype-matched negative control antibody, diluted to the same concentration as the primary antibody, should also be included in each run.)

**General notes**

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

**Properties**

**Form**

Liquid

**Storage instructions**

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

**Storage buffer**

Preservative: 0.1% Sodium azide

Constituents: 1% BSA, PBS

**Purity**

Affinity purified

**Clonality**

Monoclonal

**Clone number**

LK26

**Isotype**

IgG2a
**Function**
Binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate to the interior of cells.

**Tissue specificity**
Exclusively expressed in tissues of epithelial origin. Expression is increased in malignant tissues. Expressed in kidney, lung and cerebellum.

**Involvement in disease**
Defects in FOLR1 are the cause of neurodegeneration due to cerebral folate transport deficiency (NCFTD) [MIM:613068]. NCFTD is an autosomal recessive disorder resulting from brain-specific folate deficiency early in life. Onset is apparent in late infancy with severe developmental regression, movement disturbances, epilepsy, and leukodystrophy. Note=Recognition and diagnosis of this disorder is critical because folinic acid therapy can reverse the clinical symptoms and improve brain abnormalities and function.

**Sequence similarities**
Belongs to the folate receptor family.

**Post-translational modifications**
Eight disulfide bonds are present.

**Cellular localization**
Cell membrane. Secreted.

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**Applications**

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**Immunohistochemistry (Frozen sections) - Anti-Folate Binding Protein/FBP antibody [LK26] (ab3361)**

ab3361 staining frozen placenta in IHC-F.
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