Anti-Folate Binding Protein/FBP antibody [LK26] ab3361

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, IP, Flow Cyt, ICC/IF, WB
Species reactivity: Reacts with: Human
Immunogen: Tissue, cells or virus corresponding to Folate Binding Protein/FBP. Gestational choriocarcinoma cell line, Lu-75.
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: Previously labelled as Folate Binding Protein

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

Applications

Our Abpromise guarantee covers the use of ab3361 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
**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.

### Application | Abreviews | Notes
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IHC-Fr |  | 1/40.
IP |  | Use at an assay dependent concentration.
Flow Cyt |  | Use at an assay dependent concentration. PubMed: 19567824
  - ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
ICC/IF | 🆕 | Use at an assay dependent concentration. PubMed: 19636639
WB |  | 1/500. PubMed: 18553957

### Target

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

ab3361 staining frozen placenta in IHC-F.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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