# 小鼠抗 ALDOB 单克隆抗体

中文名称： 小鼠抗 ALDOB 单克隆抗体

英文名称： Anti-ALDOB mouse monoclonal antibody

相关类别： 一抗

储　　存： 冷冻（-20℃）

宿　　主： Mouse

抗　　原： ALDOB

反应种属： Human

标 记 物： Unconjugate

克隆类型： mouse monoclonal

**技术规格**

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| **Background:** | Fructose-1,6-bisphosphate aldolase (EC 4.1.2.13) is a tetrameric glycolytic enzyme that catalyzes the reversible conversion of fructose-1,6-bisphosphate to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate. Vertebrates have 3 aldolase isozymes which are distinguished by their electrophoretic and catalytic properties. Differences indicate that aldolases A, B, and C are distinct proteins, the products of a family of related 'housekeeping' genes exhibiting developmentally regulated expression of the different isozymes. The developing embryo produces aldolase A, which is produced in even greater amounts in adult muscle where it can be as much as 5% of total cellular protein. In adult liver, kidney and intestine, aldolase A expression is repressed a |

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| | nd aldolase B is produced. In brain and other nervous tiss ue, aldolase A and C are expressed about equally. There is a high degree of homology between aldolase A and C. De fects in ALDOB cause hereditary fructose intolerance. |
| **Applications:** | ELISA, WB |
| **Name of antibody:** | ALDOB |
| **Immunogen:** | Fusion protein of human ALDOB |
| **Full name:** | aldolase, fructose-bisphosphate B |
| **Synonyms:** | ALDB; ALDO2 |
| **SwissProt:** | P05062 |
| **WB Predicted band size:** | 39 kDa |
| **WB Positive control:** | HEK293 whole cell lysate |
| **WB Recommended dilution:** | 1000-5000 |