

## Product datasheet

# Anti-Transferrin antibody (FITC) ab34670

## 2 References

### 概述

|       |   |
|-------|---|
| 产品名称  | Anti-Transferrin抗体(FITC)  |
| 描述    | 兔多克隆抗体to Transferrin (FITC)   |
| 宿主    | Rabbit  |
| 偶联物   | FITC. Ex: 493nm, Em: 528nm  |
| 经测试应用 | 适用于: Immunomicroscopy, Flow Cyt   |
| 种属反应性 | 与反应: Human  |
| 免疫原   | Transferrin from Human serum.   |
| 常规说明  | 4.5moles FITC (MW 390 Daltons) per mole of Rabbit IgG. Absorption Wavelength: 495 nm<br>Emission Wavelength: 528 nm |

### 性能

|      |   |
|------|---|
| 形式   | Liquid  |
| 存放说明 | Shipped at 4°C. Store at +4°C.  |
| 存储溶液 | Preservative: 0.01% (w/v) Sodium Azide<br>Constituents: 10mg/ml Polyethylene glycol (PEG-8000), 0.15M Sodium chloride, 0.02M Potassium phosphate. pH 7.2  |
| 纯度   | IgG fraction  |
| 纯化说明 | This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process including delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against buffer. |
| 克隆   | 多克隆   |
| 同种型  | IgG   |

### 应用

Our [Abpromise guarantee](#) covers the use of **ab34670** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用               | Ab评论   | 说明 |
|------------------|--|----|
| Immunomicroscopy |  |    |
| Flow Cyt         |  |    |
| <b>应用说明</b>      | Flow Cyt: Use at an assay dependent dilution.<br>IM: Use at an assay dependent dilution.<br>Suitable for other antibody based fluorescent assays.  |    |
|                  | Not yet tested in other applications.<br>Optimal dilutions/concentrations should be determined by the end user.  |    |
| <b>靶标</b>        |  |    |
| <b>功能</b>        | Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation. |    |
| <b>组织特异性</b>     | Expressed by the liver and secreted in plasma.   |    |
| <b>疾病相关</b>      | Defects in TF are the cause of atransferrinemia (ATRAF) [MIM:209300]. Atransferrinemia is rare autosomal recessive disorder characterized by iron overload and hypochromic anemia.   |    |
| <b>序列相似性</b>     | Belongs to the transferrin family.<br>Contains 2 transferrin-like domains.   |    |
| <b>细胞定位</b>      | Secreted.  |    |

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