

Band 3 / CD233 Rabbit mAb

货号: B28569

产品信息

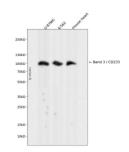
| 展験 Human (新主 Rabbit 文隆性 Monoclonal (| | |
|---|-------|--|
| 度離性 Monoclonal 下文 | 反应 | Human |
| | 宿主 | Rabbit |
| 機用 WB IHC IF/ICC 推存款度 WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 理论分子量 実調分子量 実調分子量 Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. (興联物 Unconjugated 取性対照 U-87MG,K-562,mouse heart,mouse brain,rat liver 知識定位 basolateral plasma membrane,blood microparticle,cortical cytoskeleton,cytoplasmic side of plasma membrane,extracellular exosome,plasma membrane,Z disc | 克隆性 | Monoclonal |
| # 存來度 WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 理论分子量 实調分子量 \$ | 预测反应 | |
| IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 理论分子量 实测分子量 102kDa 形式 Liquid 保存条件 Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. 仰联物 Unconjugated 阳性对照 U-87MG,K-562,mouse heart,mouse brain,rat liver 细胞定位 basolateral plasma membrane,blood microparticle,cortical cytoskeleton,cytoplasmic side of plasma membrane,extracellular exosome,plasma membrane,Z disc | 应用 | WB IHC IF/ICC |
| | 推荐浓度 | IHC: 1:50 - 1:200 |
| 形式 Liquid 保存条件 Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. 【 Unconjugated 阳性对照 U-87MG,K-562,mouse heart,mouse brain,rat liver 如胞定位 basolateral plasma membrane,blood microparticle,cortical cytoskeleton,cytoplasmic side of plasma membrane,extracellular exosome,plasma membrane,Z disc | 理论分子量 | |
| 保存条件 Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. (| 实测分子量 | 102kDa |
| Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. 【 Unconjugated WHE对照 U-87MG,K-562,mouse heart,mouse brain,rat liver 如胞定位 basolateral plasma membrane,blood microparticle,cortical cytoskeleton,cytoplasmic side of plasma membrane,extracellular exosome,plasma membrane,Z disc | 形式 | Liquid |
| 四性对照 U-87MG,K-562,mouse heart,mouse brain,rat liver 细胞定位 basolateral plasma membrane,blood microparticle,cortical cytoskeleton,cytoplasmic side of plasma mem brane,extracellular exosome,plasma membrane,Z disc | 保存条件 | |
| 细胞定位 basolateral plasma membrane,blood microparticle,cortical cytoskeleton,cytoplasmic side of plasma mem brane,extracellular exosome,plasma membrane,Z disc | 偶联物 | Unconjugated |
| brane,extracellular exosome,plasma membrane,Z disc | 阳性对照 | U-87MG,K-562,mouse heart,mouse brain,rat liver |
| 纯化 Affinity purification | 细胞定位 | |
| | 纯化 | Affinity purification |

抗原信息

| 抗原信息 | Recombinant fusion protein corresponding to Human Band 3 / CD233. |
|------|---|
| 序列 | MEELQDDYEDMMEENLEQEEYEDPDIPESQMEEPAAHDTEATATDYHTTSHPGTHKVYVELQELVMDEKNQELRWMEA ARWVQLEENLGENGAWGRPHLSHLTFWSLLELRRVFTKGTVLLDLQETSLAGVANQLLDRFIFEDQIRPQDREELLRALLL KHSHAGELEALGGVKPAVLTRSGDPSQPLLPQHSSLETQLFCEQGDGGTEGHSPSGILEKIPPDSEATLVLVGRADFLEQP VLGFVRLQEAAELEAVELPVPIRFLFVLLGPEAPHIDYTQLGRAAATLMSERVFRIDAYMAQSRGELLHSLEGFLDCSLVLPPT DAPSEQALLSLVPVQRELLRRRYQSSPAK |

| 研究背景 | The protein encoded by this gene is part of the anion exchanger (AE) family and is expressed in the eryth rocyte plasma membrane, where it functions as a chloride/bicarbonate exchanger involved in carbon diox ide transport from tissues to lungs. The protein comprises two domains that are structurally and function ally distinct. The N-terminal 40kDa domain is located in the cytoplasm and acts as an attachment site for the red cell skeleton by binding ankyrin. The glycosylated C-terminal membrane-associated domain cont ains 12-14 membrane spanning segments and carries out the stilbene disulphonate-sensitive exchange tr ansport of anions. The cytoplasmic tail at the extreme C-terminus of the membrane domain binds carboni c anhydrase II. The encoded protein associates with the red cell membrane protein glycophorin A and this association promotes the correct folding and translocation of the exchanger. This protein is predominantly dimeric but forms tetramers in the presence of ankyrin. Many mutations in this gene are known in man, and these mutations can lead to two types of disease: destabilization of red cell membrane leading to her editary spherocytosis, and defective kidney acid secretion leading to distal renal tubular acidosis. Other mutations that do not give rise to disease result in novel blood group antigens, which form the Diego blood group system. One null mutation in this gene is known, resulting in very severe anemia and nephrocalcinosis. |
|-------|---|
| 基因ID | 6521 |
| 基因名 | SLC4A1 |
| Swiss | P02730 |
| 别名 | DI;FR;SW;WD;WR;AE1;CHC;SAO;WD1;BND3;EPB3;SPH4;CD233;EMPB3;RTA1A;SLC4A1 |

产品验证



Western blot analysis of Band 3 / CD233 expressed in U-87MG,K-562,mouse heart using Band 3 / CD 233 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/ proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. E xposure time: 120s.

实验步骤

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