

### 36-3801: Anti-Biotin (Vitamin B7 or Vitamin H) Monoclonal Antibody(Clone: BTN/2032R)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	BTN/2032R
<b>Application :</b>	IHC
<b>Reactivity :</b>	All species
<b>Alternative Name :</b>	Vitamin B7 or Vitamin H
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Biotinylated sheep immunoglobulin

#### Description

It recognizes both the free and protein-conjugated (either soluble or cell bound) form of biotin. This MAb is highly specific to biotin and shows no cross-reaction with other structurally related compounds. It has a very high affinity for biotin and is excellent for use in various amplification techniques. In some applications, localization of biotinylated probes with avidin produces unacceptably high background staining. Anti-biotin antibody may be substituted to decrease this noise.

#### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of Ab Purified by Protein A Column. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

#### Application Note

In situ Nucleic Acid Hybridization; Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT) (No special pretreatment is required for the immunohistochemical staining of formalin-fixed, paraffin-embedded tissues.)

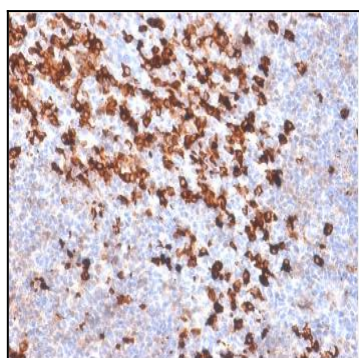


Fig. 1: Formalin-fixed, paraffin-embedded Tonsil stained with biotinylated Kappa Light Chain probe followed by anti-biotin Rabbit Recombinant Monoclonal antibody (BTN/2032R).

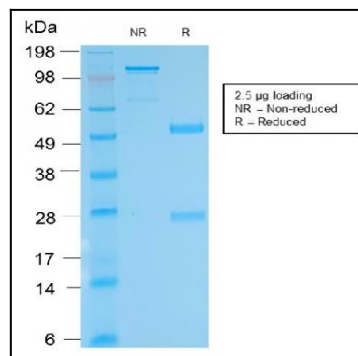


Fig. 2: SDS-PAGE Analysis Purified anti-biotin Rabbit Recombinant Monoclonal antibody (BTN/2032R). Confirmation of Purity and Integrity of Antibody.