

## Anti-CD41 Antibody (5U824)

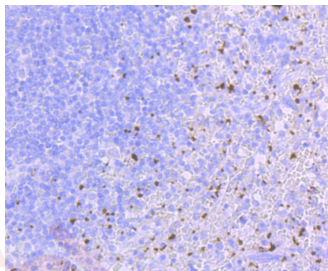
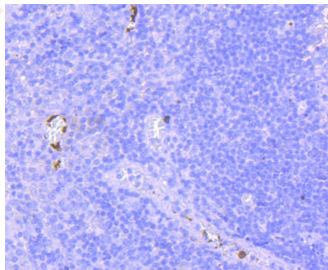
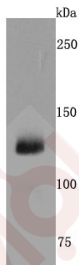
### Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 113 kDa.
Clone:	5U824
Purification:	ProA affinity purified

### Applications

#### Verified Activity:

1. Western blot analysis of CD41 on human placenta cells lysates using anti-CD41 antibody at 1/500 dilution.
2. Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD41 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-CD41 antibody. Counter stained with hematoxylin.



Application: IHC, WB

Recommended WB: 1:500-2000; IHC: 1:50-200

### Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

---

### Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: P08514

Synonyms: GPalphaIIb;GTA;GPIIb;Platelet specific antigen bak;CD41a;GP2b;CD41b;HPA3;Platelet membrane glycoprotein IIb;Platelet fibrinogen receptor alpha subunit;CD41 antigen;ITGA 2B;ITGAB;Integrin alpha 2b;Integrin, alpha 2b(platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41);Integrin alpha IIb;CD 41;ITA2B;Integrin alpha IIb precursor;GPalpha IIb;Platelet fibrinogen receptor alpha;platelet glycoprotein IIb of IIb/IIIa complex

---

### Research Background

Integrins are heterodimers composed of noncovalently associated transmembrane  $\alpha$  and  $\beta$  subunits. The 16  $\alpha$  and 8  $\beta$  subunits heterodimerize to produce more than 20 different receptors. Most integrin receptors bind ligands that are components of the extracellular matrix, including Fibronectin, collagen and Vitronectin. Certain integrins can also bind to soluble ligands such as Fibrinogen, or to counterreceptors on adjacent cells such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. Ligands serve to cross-link or cluster integrins by binding to adjacent integrin receptors; both receptor clustering and ligand occupancy are necessary for the activation of integrin-mediated responses. In addition to mediating cell adhesion and cytoskeletal organization, integrins function as signaling receptors. Signals transduced by integrins play a role in many biological processes, including cell growth, differentiation, migration and apoptosis.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481