

## Anti-ITGAM/CD11B antibody (Internal) (STJ71196)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/IF/IHC
Host / Source	Goat
Reactivity	Human

### PRODUCT PROPERTIES

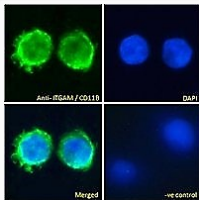
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:16000. IHC: Paraffin embedded Human Tonsil. Recommended concentration: 6-8µg/ml. IF: Strong expression of the protein seen in the plasma membrane and cytoplasm of U937 and THP-1 cells. Recomm
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

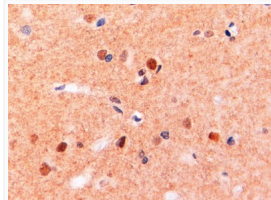
Gene ID	<a href="#">3684</a>
Gene Symbol	<a href="#">ITGAM</a>
UniProt ID	<a href="#">ITAM_HUMAN</a>
Immunogen Region	Internal
Immunogen Sequence	RNDGEDSYRTQ
Specificity	The immunizing peptide represents part of the extra-cellular domain.

### ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



STJ71196 Immunofluorescence analysis of paraformaldehyde fixed U937 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic and membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).



STJ71196 (2µg/ml) staining of paraffin embedded Human Brain. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining. This data is from a previous batch, not on sale.