

Datasheet for ABIN185597
anti-Iba1 antibody (Internal Region)

6 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Iba1 (IBA1)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Iba1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	AIF1 / IBA1 (isoform 3)
Immunogen:	Peptide with sequence C-NKQFLDDPKYSSDED, from the internal region of the protein sequence according to NP_001614.3.
Sequence:	NKQFLDDPKY SSDED
Isotype:	IgG
Specificity:	This antibody is expected to recognise isoform 3 (NP_001614.3) only.
Cross-Reactivity:	Dog, Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

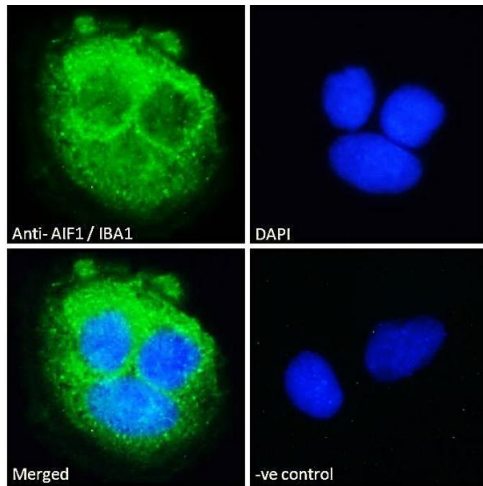
Target:	Iba1 (IBA1)
Alternative Name:	AIF1 (IBA1 Products)
Background:	AIF1, IBA1, allograft inflammatory factor 1 , DASS-82G15.2, AIF-1, IRT-1, Em:AF129756.17, interferon gamma responsive transcript, ionized calcium-binding adapter molecule
Gene ID:	199, 11629
NCBI Accession:	NP_001614
Pathways:	Smooth Muscle Cell Migration

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Lung and Brain (Cortex). Recommended concentration: 5-6 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the cytoplasm and plasma membrane of U937, Caco-2 and U251 cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of K562 cells
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunofluorescence

Image 1. ABIN185597 Immunofluorescence analysis of paraformaldehyde fixed Caco-2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

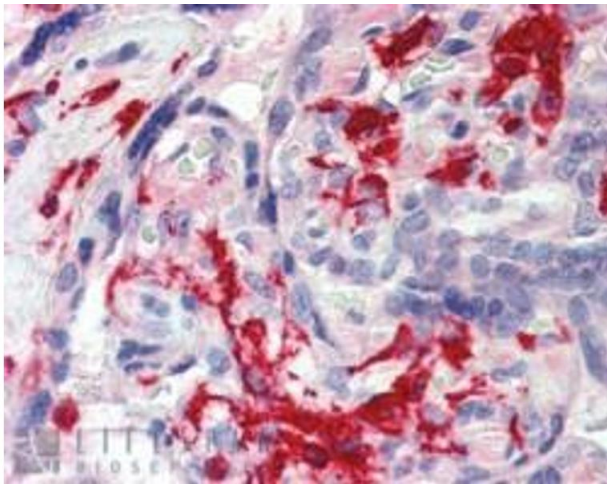
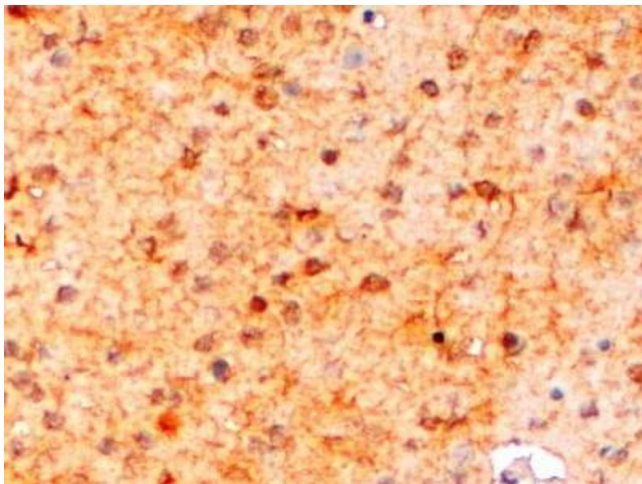


Image 2. ABIN185597 (2.5 µg/mL) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry

Image 3. ABIN185597 (2µg/ml) staining of paraffin embedded Mouse Brain. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN185597.