

Product Datasheet

AIF1/IBA1 (isoform 3) Antibody (orb19198)

Catalog Number	orb19198
Category	Antibodies
Description	Goat polyclonal antibody to Interferon gamma
Target	AIF1 / IBA1 (isoform 3)
Clonality	Polyclonal
Species/Host	Goat
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Canine, Mouse
Buffer/Preservatives	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Protein Sequence	NKQFLDDPKYSSDED
RRID	AB_10755905
MW	16.7
Tested applications	ELISA, FC, IF, IHC
Dilution range	ELISA: 1:32000, WB: 0.5-1.5 µg/ml, FACS: 10ug/ml, IF/ICC: 10µg/ml

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Application notes

IHC: Paraffin embedded Human Lung and Brain (Cortex). Recommended concentration: 5-6µg/ml.. Notes: 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

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

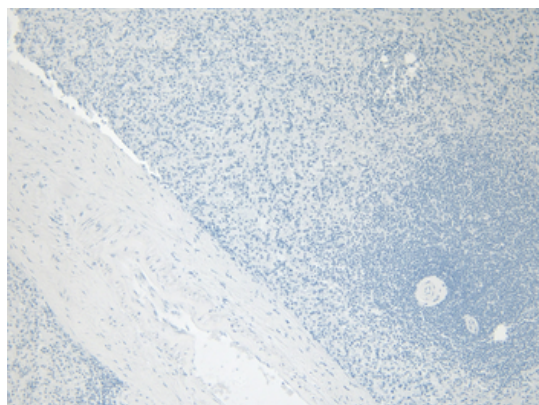
For research use only

Entrez

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Expiration Date

12 months from date of receipt.



Negative Control showing staining of paraffin embedded Human Spleen, with no primary antibody.



7 µg/ml staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH6, HRP-staining.

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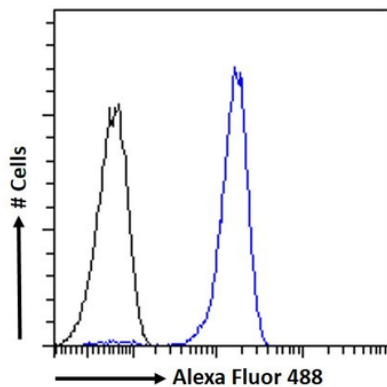
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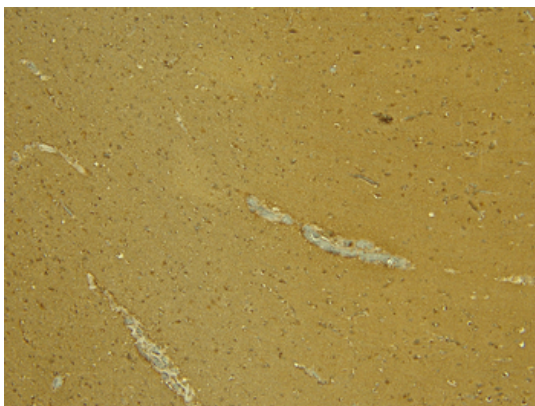
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Research Triangle Park
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NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

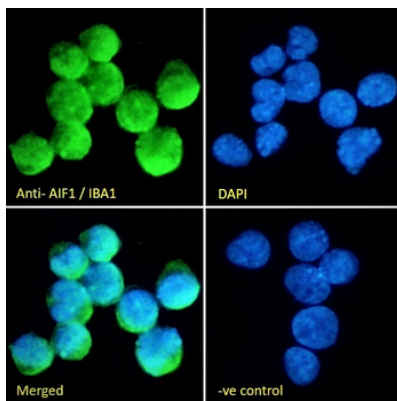
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Flow cytometric analysis of paraformaldehyde fixed U937 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/ml) followed by Alexa Fluor 488 secondary antibody (1 ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



5 µg/ml staining of paraffin embedded Human Cortex. Heat induced antigen retrieval with citrate buffer pH6, HRP-staining.



Immunofluorescence analysis of paraformaldehyde fixed U937 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/ml) followed by Alexa Fluor 488 secondary antibody (2 ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/ml) followed by Alexa Fluor 488 secondary antibody (2 ug/ml).

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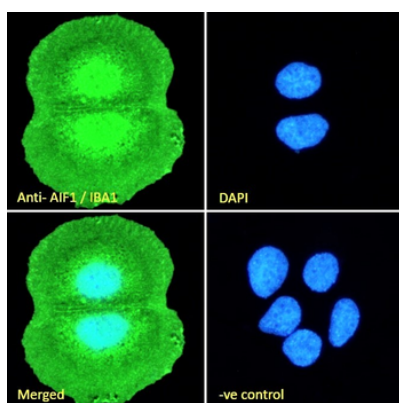
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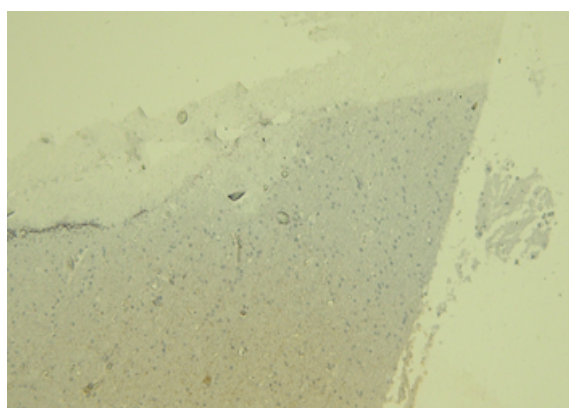
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Immunofluorescence analysis of paraformaldehyde fixed Caco-2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/ml) followed by Alexa Fluor 488 secondary antibody (2 ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain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



Negative Control showing staining of paraffin embedded Human Cortex, with no primary antibody.

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