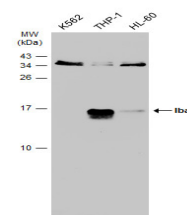


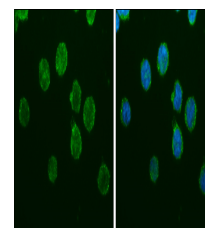
## Product Datasheet

### Iba1 antibody [GT10312] GRP175

<b>Description</b>	This gene is induced by cytokines and interferon. Its protein product is thought to be involved in negative regulation of growth of vascular smooth muscle cells, which contributes to the anti-inflammatory response to vessel wall trauma. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	FACS, ICC, IF, IHC-Fr, IHC-P, WB
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the centre region of human Iba1. The exact sequence is proprietary.
<b>Form/Appearance</b>	Liquid: 1XPBS, 20% Glycerol (pH7)
<b>Concentration</b>	1.41 mg/ml
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Note</b>	For research use only.
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Purity</b>	Affinity purified by Protein G.
<b>Clone ID</b>	GT10312
<b>Uniprot ID</b>	<b>P55008</b>
<b>Entrez</b>	<b>199</b>
<b>Dilution Range</b>	WB: 1:500-1:3000, ICC: 1:100-1:1000, IHC-P: 1:100-1:1000, FACS: 1:50-1:200



Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Iba1 antibody [GT10312] (GRP627) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



Iba1 antibody [GT10312] detects Iba1 protein at cytoplasm by immunofluorescent analysis. Sample: THP-1 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Iba1 protein stained by Iba1 antibody [GT10312] (GRP627) diluted at 1:200. Blue: Hoechst 3