

ARG10834
anti-BirA antibody [6C4c7]Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [6C4c7] recognizes BirA
Tested Reactivity	E. coli
Tested Application	ICC/IF, WB
Host	Mouse
Clonality	Monoclonal
Clone	6C4c7
Isotype	IgG1, kappa
Target Name	BirA
Species	E. coli
Immunogen	GST fused to E.coli BirA R118G.
Conjugation	Un-conjugated
Alternate Names	BirA; bioR; dhbB; ECK3965; JW3941

Application Instructions

Application table	Application	Dilution
	ICC/IF	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Cells overexpressing an E.coli BirA construct.	

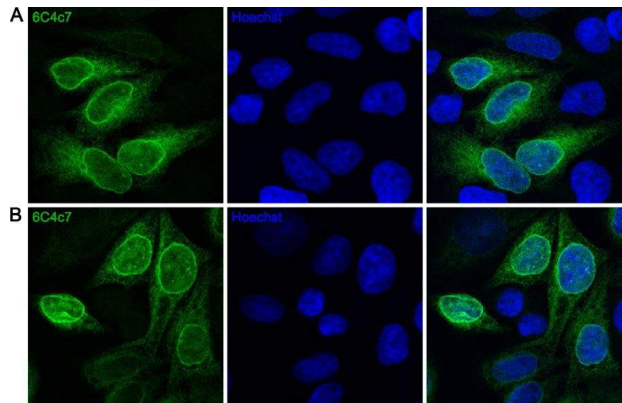
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

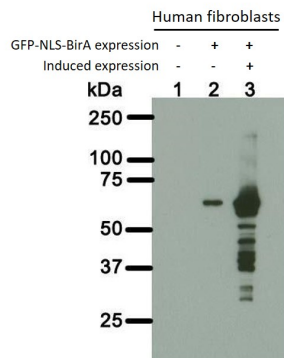
Gene Symbol	birA
Gene Full Name	bifunctional biotin-[acetylCoA carboxylase] holoenzyme synthetase/ DNA-binding transcriptional repressor, bio-5'-AMP-binding
Calculated Mw	35 kDa

Images



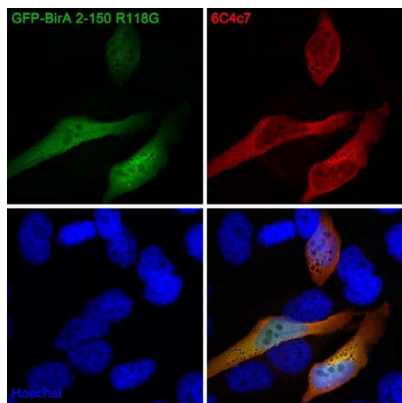
ARG10834 anti-BirA antibody [6C4c7] ICC/IF image

Immunofluorescence: HeLa cells stably expressing a BirA tagged TorsinAE171Q were fixed in (A) 4% PFA or (B) cold methanol and stained with ARG10834 anti-BirA antibody [6C4c7]. Left: Primary antibodies (green). Middle: Hoechst (blue). Right: Merge.



ARG10834 anti-BirA antibody [6C4c7] WB image

Western blot: Total cell lysate of parental human fibroblasts (HF) (Lane 1) or HF stably expressing GFP-NLS-BirA without (Lane 2) or with induced expression (Lane 3). The blots were stained with ARG10834 anti-BirA antibody [6C4c7].



ARG10834 anti-BirA antibody [6C4c7] ICC/IF image

Immunofluorescence: HeLa cells transfected with green fluorescent protein fused to BirA amino acid residues 2-150 (GFP-BirA 2-150) were fixed with 4% PFA and stained with ARG10834 anti-BirA antibody [6C4c7] (red). The nuclei were visualised with Hoechst (blue).