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Datasheet for ABIN7455200

Recombinant anti-gamma H2AX antibody (Ser140)

Overview

Quantity:	100 µL
Target:	gamma H2AX (GAMMA-H2AX)
Binding Specificity:	Ser140
Reactivity:	Human, Mouse
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This gamma H2AX antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-gamma-H2AX Recombinant Monoclonal Antibody [BLR053F]
Immunogen:	surrounding Serine 140
Clone:	BLR053F
Isotype:	IgG

Target Details

Target:	gamma H2AX (GAMMA-H2AX)
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Target Details

Alternative Name: [gamma-H2AX \(GAMMA-H2AX Products\)](#)

Background: Background: H2AX is a member of the histone H2A family. The four core histones involved in the formation of the nucleosome structure of compacted chromatin are H2A, H2B, H3, and H4. H2AX may function to facilitate DNA repair, and recent studies have shown that H2AX is required for the maintenance of genomic stability. Gamma H2AX is the phosphorylated form of H2AX that results in response to DNA damage.

Gene ID: 3014

NCBI Accession: [NP_002096](#)

UniProt: [P16104](#)

Application Details

Application Notes: IHC-IF: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections.
IHC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
IP: 20 µL/1 mg lysate
ICC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections.
WB: 17:40:00

Restrictions: For Research Use only

Handling

Concentration: 100 µg/mL

Buffer: Borate Buffered Saline (BBS) pH 8.2 with 0.1 % BSA and 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months