



### Anti-5-formylcytidine, NeuroMab clone N358/68

#### Immunogen:

Synthetic nucleotide of 5-formylcytidine

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

#### NeuroMab Applications:

Dot blot, Immunocytochemistry

Reacts preferentially with 5-formylcytidine than with 5-methylcytidine, 5-hydroxymethylcytidine or 5-carboxycytidine

Serial dilutions of BSA-conjugated modified and unmodified nucleotides dotted onto membrane and probed with N358/68 TC supe (left) and Active Motif 5-formylcytidine rabbit polyclonal, catalog #61223 (right).

Immunocytochemistry with N358/68 TC supe against zygotes containing maternal and paternal pronuclei after treatment with 5-methylcytidine (5mC), 5-hydroxymethylcytidine (5hmC), 5-formylcytidine (5fC) or 5-carboxycytidine (5caC) nucleoside competitors. Data images courtesy of Azusa Inoue and Yi Zhang (Harvard).

